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AERODYNAMIC CHARACTERISTICS OF A CANARD-CONTROLLED  
MISSILE AT MACH NUMBERS OF 0.8, 1.3, AND 1.75

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## CONTENTS

	Page
SUMMARY .....	1
INTRODUCTION .....	1
NOMENCLATURE .....	2
TEST FACILITY .....	5
MODEL DESCRIPTION .....	5
TESTING AND PROCEDURE .....	5
DATA REDUCTION .....	5
RESULTS AND DISCUSSION .....	6
CONCLUDING REMARKS .....	8
REFERENCES .....	9
TABLES	
1. Dimensions of Control Panels .....	10
FIGURES	
1. Axis System .....	11
2. Control Panels Sign Convention .....	12
3. Basic Model and Components .....	13
4. Model Photographs .....	17
5. Body-alone characteristics.....Data Figure Page	1
6. Body-tail characteristics, main balance and panel load summations.....Data Figure Page	7
7. Body-canard characteristics, main balance and panel load summations.....Data Figure Page	19
8. Body-canard-tail characteristics, main balance and panel load summations.....Data Figure Page	91



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MISSILE AT MACH NUMBERS OF 0.8, 1.3, AND 1.75

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Ames Research Center

SUMMARY

A typical missile model with nose-mounted canards and cruciform tail surfaces was tested in the Ames 6- by 6-Foot Wind Tunnel to determine the contributions of the component aerodynamic surfaces to the static aerodynamic characteristics at Mach numbers of 0.8, 1.3, and 1.75 and Reynolds number of  $6.25 \times 10^5$ , based on body diameter. Data were obtained at angles of attack ranging from  $0^\circ$  to  $24^\circ$  for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). In addition, two different sets of canards and tail surfaces were investigated.

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about  $7^\circ$  with canard deflections of about  $10^\circ$ . Also, the tail arrangements studied provided ample pitch stability.

INTRODUCTION

Some recent emphasis in missile technology has been in the area of developing a series of configurations with canard controls on the non-constant-diameter nose portion of the missile. The objectives have been to provide both terminal guidance and high maneuverability during the flight. Of concern is the influence of the canard-control surfaces on the missile-tail effectiveness caused by the trailing vortices from the canards. Present predictive techniques (e.g., ref. 1) have been demonstrated to be inadequate, particularly for the case of the canards located on nonconstant-diameter regions of the missile (e.g., the nose). Accordingly, an extensive series of wind-tunnel tests has been performed to provide basic experimental data to be used in developing the required improved predictive techniques.

This test addressed itself to the determination of the aerodynamic characteristics of a typical missile model with and without canards and/or tail surfaces at Mach numbers of 0.8, 1.3, and 1.75. Data were obtained

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at angles of attack from  $0^\circ$  to  $24^\circ$  and canard-deflection angles of  $0^\circ$ ,  $5^\circ$ ,  $10^\circ$  and  $15^\circ$ . Similar data for Mach numbers of 1.5 and 2.0 are presented in references 2 through 4.

## NOMENCLATURE

The axis systems and sign convention are shown in figures 1 and 2. Data are presented in the unrolled body-axis coordinate system. Because the data were computer-plotted, the corresponding plot symbol, where used, is given together with the conventional symbol.

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
$C_A$	CA	missile axial-force coefficient in unrolled body-axis system; axial force/ $S_{REF}q_\infty$
$C_\ell$	CBL	missile rolling-moment coefficient in unrolled body-axis system; body rolling moment/ $S_{REF}q_\infty \ell_{REF}$
$C_\ell C(B)$	CRMC	rolling-moment coefficient in body-axis system for canard panels summed together
$C_\ell C(B)+T(B)$	CRMB	rolling-moment coefficient in body-axis system for all canard and tail panels summed together
$C_\ell T(B)$	CRMT	rolling-moment coefficient in body-axis system for tail panels summed together
$C_m$	CM	missile pitching-moment coefficient measured in unrolled body-axis system; pitching moment/ $S_{REF}q_\infty \ell_{REF}$
$C_m C(B)$	CMC	pitching-moment coefficient in unrolled body-axis system for canard panels summed together
$C_m C(B)+T(B)$	CMB	pitching-moment coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_m T(B)$	CMT	pitching-moment coefficient in unrolled body-axis system for tail panels summed together
$C_N$	CN	missile normal-force coefficient in unrolled body-axis system; body normal force/ $S_{REF}q_\infty$
$\beta$	BETA	angle of sideslip, deg.

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
$C_{N_{C(B)}}$	CNC	normal-force coefficient in unrolled body-axis system for canard panels summed together
$C_{N_{C(B)+T(B)}}$	CNB	normal-force coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{N_{T(B)}}$	CNT	normal-force coefficient in unrolled body-axis system for tail panels summed together
$C_n$	CYM	missile yawing-moment coefficient in unrolled body-axis system; body yawing moment/ $S_{REF} q_{\infty} l_{REF}$
$C_{n_{C(B)}}$	CYMC	yawing-moment coefficient in unrolled body-axis system for canard panels summed together
$C_{n_{C(B)+T(B)}}$	CYMB	yawing-moment coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{n_{T(B)}}$	CYMT	yawing-moment coefficient in unrolled body-axis system for tail panels summed together
$C_Y$	CY	missile side-force coefficient in unrolled body-axis system; body side force/ $S_{REF} q_{\infty}$
$C_{Y_{C(B)}}$	CYC	side-force coefficient in unrolled body-axis system for canard panels summed together
$C_{Y_{C(B)+T(B)}}$	CYB	side-force coefficient in unrolled body-axis system for all canard and tail panels summed together
$C_{Y_{T(B)}}$	CYT	side-force coefficient in unrolled body-axis system for tail panels summed together
$l_{REF}$	LREF	reference length for all coefficients (missile body diameter for cylindrical portion); 12.70 cm (0.417 ft)
$M_{\infty}$	MACH	free-stream Mach number
$q_{\infty}$	Q	free-stream dynamic pressure
$S_{REF}$	SREF	reference area for all coefficients (cross-sectional area of cylindrical portion of center body); 126.7 cm <sup>2</sup> (0.136 ft <sup>2</sup> )

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Definition</u>
$\alpha$	ALPHA	angle of attack, deg
$\phi_C$	PHI-C	missile roll angle, deg
$\phi_T$	PHI-T	interdigitation angle between canard and tail panels, deg

#### Control Surface Code

$\delta_{C_X}$	D(X)	deflection angle of canard panel number X, (X = 1, 2, 3, 4); see figure 2
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#### Configuration Code

B	B	body
C <sub>1</sub>	C1	small canards (aft position)
C <sub>2</sub>	C2	small canards (mid position)
C <sub>3</sub>	C3	small canards (forward position)
C <sub>4</sub>	C4	large canards (mid position)
C <sub>6</sub>	C6	large canards (aft position)
C <sub>7</sub>	C7	small canards (mid position)
N <sub>1</sub>	N1	sharp nose
N <sub>2</sub>	N2	blunt nose
N <sub>3</sub>	N3	semiblunt nose
T <sub>1</sub>	T1	tail panels (aft position)
T <sub>2</sub>	T2	tail panels (mid position)

## TEST FACILITY

The Ames Research Center 6- by 6-Foot Wind Tunnel is a variable-pressure, continuous-flow, closed-return type facility. The nozzle leading to the test section is of the asymmetric sliding-block type which permits a continuous variation of Mach number from 0.25 to 2.3. The test section has a perforated floor and ceiling with provisions for removal of boundary-layer flow at transonic Mach numbers.

## MODEL DESCRIPTION

The model and its components are shown in figure 3. The model was a sting-mounted body of revolution, 12.70 cm in diameter and 132.08 cm in length, as shown in figure 3(a). Three nose shapes were used: a pointed, three-caliber tangent ogive and two blunted, three-caliber tangent ogives, as shown in figure 3(b). The model used six sets of four canard fins and two sets of four tail fins, all with various aspect ratios, as shown in figures 3(c) and 3(d), respectively. The dimensions of the canard and tail fins are given in table 1. The locations of the canards and tails on the body are indicated in the nomenclature and figure 3(a). Each of the four canards and four tail fins had a three-component balance mounted inside the body. The four tail fins had a fixed incidence angle of  $0^\circ$ . Each canard had a variable incidence angle that was remotely controlled and monitored from outside the tunnel. The tail fins were rolled at angles of  $0^\circ$  and  $-45^\circ$  with respect to the canards. The total model loads were measured on a 5.1-cm (2-in) six-component balance (Task MKIIIE) furnished by Ames.

Model photographs are presented in figure 4.

## TESTING AND PROCEDURE

The investigation was conducted at Mach numbers of 0.8, 1.3, and 1.75 and at a Reynolds number of  $6.25 \times 10^5$ , based on body diameter. Data were obtained at angles of attack from  $0^\circ$  to  $24^\circ$  and at canard incidence angles of  $0^\circ$ ,  $5^\circ$ ,  $10^\circ$  and  $15^\circ$ . The experimental data, presented as a function of angle of attack, were obtained from pitch sweeps at a constant canard-deflection angle. An angle transducer, mounted on the aft end of the model support, was used to measure the angle of attack of the model.

## DATA REDUCTION

The six-component main balance forces and moments were corrected for weight tares and reduced to coefficients in the unrolled body-axis system,

as shown in figure 1. The moment reference center for all body-axis coefficients was at model station 66 (one-half the length of the sharp-nosed body in figure 3(a)). All force and moment coefficients were based upon the following dimensions:

$$S_{REF} = 126.7 \text{ cm}^2 (0.136 \text{ ft}^2)$$

$$l_{REF} = 12.70 \text{ cm} (0.417 \text{ ft})$$

The three-component fin balance forces and moments for each canard and tail panel were reduced to normal-force, pitching-moment, and root bending-moment coefficients about an axis system in the plane of the fin, as shown in figure 2. These fin coefficients were then summed together in two groups, canards and tails, and reduced to coefficients in an axis system about the model centerline. They were then further reduced to coefficients about the moment reference center in the unrolled body-axis system. Coefficients were obtained for each axis system.

The angle of attack was corrected for flow angularity and sting deflections. Stream-angle corrections used to correct for flow angularity were based on data taken during the investigation.

## RESULTS AND DISCUSSION

Computer-plotted data of  $C_N$ ,  $C_m$ ,  $C_A$ ,  $C_y$ ,  $C_n$ , and  $C_\ell$  vs  $\alpha$  are presented in figures 5 through 8. The missile model was at  $\phi = 0$  for all results presented in this report.

### Body-Alone Characteristics

Body-alone characteristics for configuration BN3 are shown in figure 5 for Mach numbers of 0.8, 1.3, and 1.75 and angles of attack from  $0^\circ$  to  $24^\circ$ . As in previous body-alone tests (e.g., ref. 5),  $C_N$  increases not only with  $\alpha$  but with an increase in Mach number from subsonic to supersonic. The increase in  $C_N$  with increase in Mach number from  $M_\infty = 0.8$  (subsonic) to  $M_\infty = 1.75$  (supersonic) is generally in accord with that which would be predicted from crossflow theory (refs. 6 and 7) for bodies of revolution.

It is interesting to note that at  $M_\infty = 0.8$ , reasonably large side-force and yawing-moment coefficients were obtained at angles of attack greater than about  $19^\circ$ , even though the body was at zero sideslip ( $\beta = 0^\circ$ ). Undesirable side forces and yawing moments have been shown to accompany the formation of asymmetric separation and vortex patterns for bodies alone at subsonic Mach numbers (e.g., ref. 7). Fortunately, the side forces and



yawing moments virtually disappear with increase in Mach number into the supersonic regime.

### Body-Tail Characteristics

Body-tail characteristics for configuration BN3T2 are presented in figure 6 for Mach numbers of 0.8 and 1.75. The circular symbols represent the results for the body with tail (BN3T2) while the square symbols represent the results for the tail alone (summation of four tail panels in the presence of the body).

Generally, the tail (T2) developed at least half the total  $C_N$  for  $\alpha$  up to about  $12^\circ$ . At higher  $\alpha$ , the tail became less effective than the body and developed less than half of the total  $C_N$  for the combination. By comparing the  $C_m$  results of figures 5 and 6, one can observe the strong effect of the tail in providing stability in the pitch plane. Also, it can be seen in figure 6 that the  $C_m$  vs  $\alpha$  results for the body plus tail are not greatly different from those for the tail alone.

The side-force and yawing-moment coefficients for the body plus tail and the tail (in the presence of the body) were generally not large at either  $M_\infty = 0.8$  or 1.75. At  $M_\infty = 0.8$ , the unwanted side-force and yawing-moment coefficients measured for the body alone at  $\alpha$  greater than about  $19^\circ$  (figure 5) were generally less with the tail present (fig. 6).

### Body-Canard Characteristics

Body-canard characteristics for configuration BN3C6 are presented in figure 7 for Mach numbers of 0.8, 1.3, and 1.75. The circular symbols represent the results for the body with canard (BN3C6) while the square symbols represent the results for the canard alone (summation of four canard panels in the presence of the body). Results are presented first for all the canard panels (position  $X = 1, 2, 3, 4$ ) undeflected,  $\delta C_X = D(X) = 0^\circ$  (see fig. 2). Then results are presented for  $D2 = D4 = 5^\circ$ . Next, results are presented for  $D2 = D4 = 10^\circ$ . Finally, results are presented for  $D2 = D4 = 15^\circ$ . In all cases, the vertical panels (at positions 1 and 3) are undeflected ( $D1 = D3 = 0^\circ$ ).

Generally, the undeflected canard panels ( $D1 = D2 = D3 = D4 = 0^\circ$  for C6) developed less than half the total  $C_N$  at all of the test Mach numbers. Being located well forward of the pitching-moment reference center, the canard panels also contributed substantially to the unstable pitching-moment characteristics, typical of the body without tail fins. With change in panel deflection from  $D2 = D4 = 0^\circ$  to  $15^\circ$ , the unstable contribution of the canard panels decreased.

With addition of the canard panels (C6) to the body (BN3), the undesirable side forces and yawing moments for the body at the higher angles of attack ( $\alpha > 19^\circ$ ) were virtually eliminated. (For example, compare  $C_y$  results in figs. 5 and 7.)

### Body-Canard-Tail Characteristics

Body-canard-tail characteristics for configurations BN3C7T1 and BN3C6T2 are presented in figure 8 for Mach numbers of 0.8, 1.3, and 1.75. The circular symbols represent the results for the body BN3 with canard (C7 or C6) and tail (T1 or T2). The square symbols represent the results for the canard alone (summation of four panels in the presence of the body), and the diamond symbols represent the results for the tail alone (summation of four panels in the presence of the body). Finally, the triangular symbols represent the results for the canard plus tail in the presence of the body. As for the body-canard characteristics in figure 7, results are presented for the side canard panels (at positions 2 and 4) undeflected and deflected  $5^\circ$ ,  $10^\circ$ , and  $15^\circ$ . The top and bottom canard panels were, of course, always undeflected.

Generally, the canard plus tail (C7T1 or C6T2) developed about half the total  $C_N$  for  $\alpha$  up to about  $12^\circ$ . At higher  $\alpha$ , the body produced the most  $C_N$ . However, enough normal force was produced by the tail to produce stable  $C_m$  characteristics over most of the  $\alpha$  range. Also, the canards were generally effective in trimming the model ( $C_m = 0$ ) at angles of attack up to about  $7^\circ$  with panel deflections of  $10^\circ$ . There was little effect on trim angle with further increase in panel deflection to  $15^\circ$ . The reader, of course, can study the various results for each configuration,  $M_\infty$  and canard deflection angle.

### CONCLUDING REMARKS

A typical missile model with nose-mounted canards and cruciform tail surfaces was tested in the Ames 6- by 6-Foot Wind Tunnel to determine the contributions of the component aerodynamic surfaces to the static aerodynamic characteristics at Mach numbers of 0.8, 1.3, and 1.75 and Reynolds number of  $6.25 \times 10^5$ , based on body diameter. Data were obtained at angles of attack ranging from  $0^\circ$  to  $24^\circ$  for various stages of model "build-up" (i.e., with and without canard and/or tail surfaces). In addition, two different sets of canards and tail surfaces were investigated.

For the canard and tail arrangements investigated, the model was trimmable at angles of attack up to about  $7^\circ$  with canard deflections of about  $10^\circ$ . Also, the tail arrangements studied provided ample pitch stability.

April 6, 1977

## REFERENCES

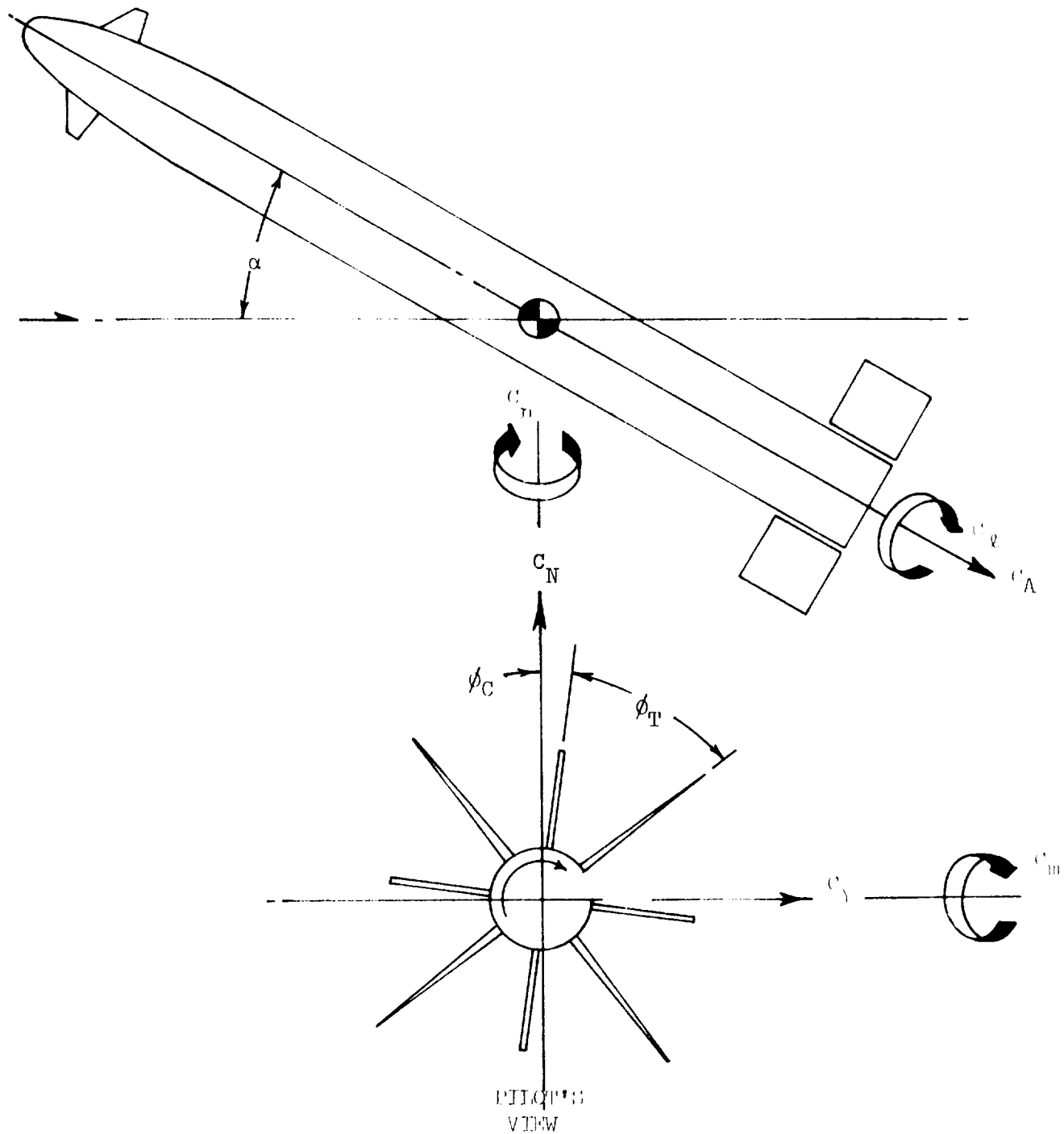
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TABLE 1. - DIMENSIONS OF CONTROL PANELS<sup>a</sup>

	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>6</sub>	C <sub>7</sub>	T <sub>1</sub>	T <sub>2</sub>
A					45		0	45
B	1.68	1.68	1.68	2.40	2.54	2.37	3.18	3.81
C	5.08	5.08	5.08	7.18	10.16	7.18	12.70	17.78
D	.25	.25	.25	.36	.38	.36	.51	.51
E	3.81	3.81	3.81	5.39	9.53	3.56	6.35	8.89
F	2.11	2.11	2.11	2.98	4.37	2.98	5.72	7.62
G	.08	.08	.08	.08	.15	.17	.51	.51
H	0	0	0	0	0	.81	3.18	3.81
I	1.52	1.52	1.52	2.15		3.84	12.70	8.89
J	0	0	0	0	0	.81		
K	1.68	1.68	1.68	2.40	2.54	7.37		

<sup>a</sup>Note: all dimensions are in centimeters except "A", which is in degrees.

See control panel drawing, fig. 3(c).



NOTE: POSITIVE DIRECTIONS OF FORCE COEFFICIENTS, MOMENT COEFFICIENTS, AND ANGLES ARE INDICATED BY ARROWS.

FIGURE 1. - Axis System.

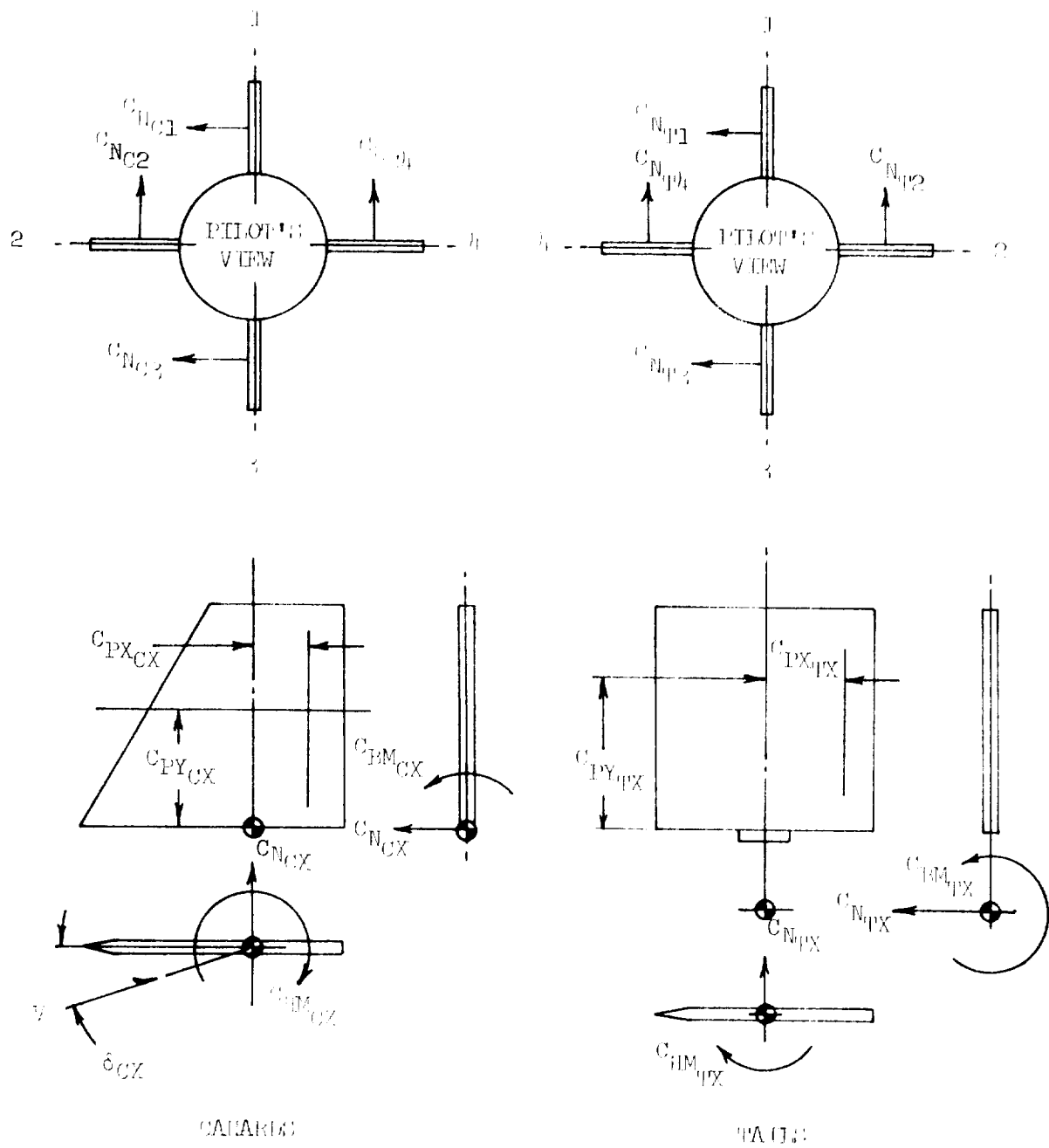
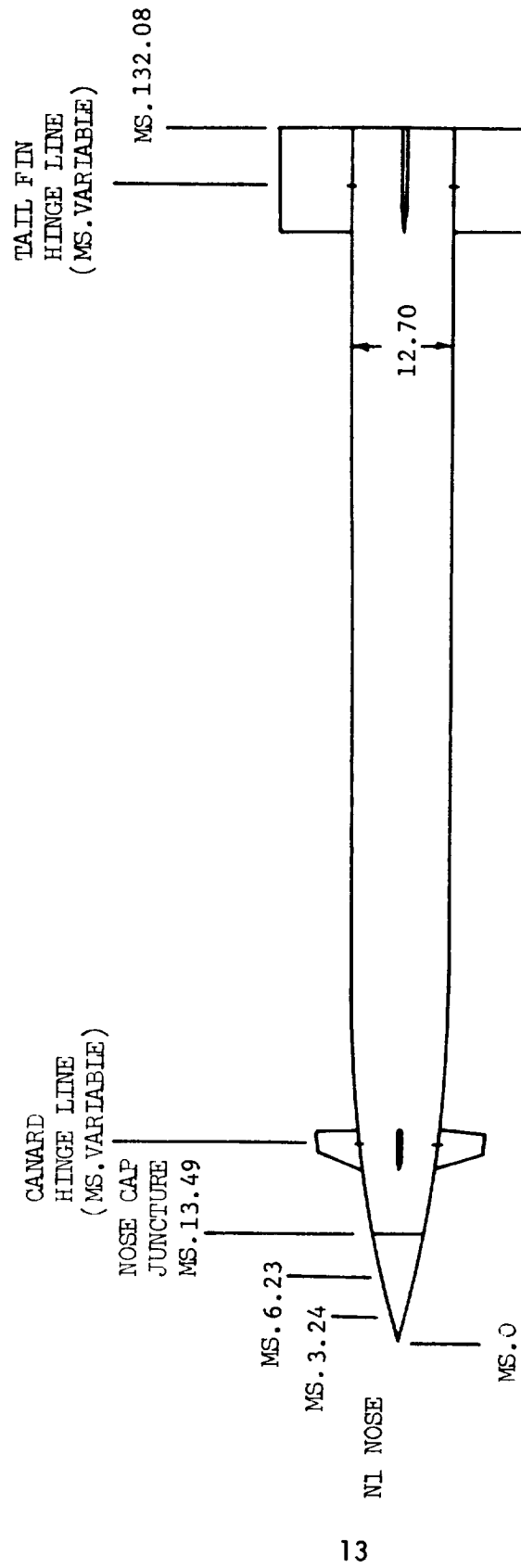


Figure 2. - Control panels sign convention.

NOTE: ALL DIMENSIONS ARE IN CENTIMETERS



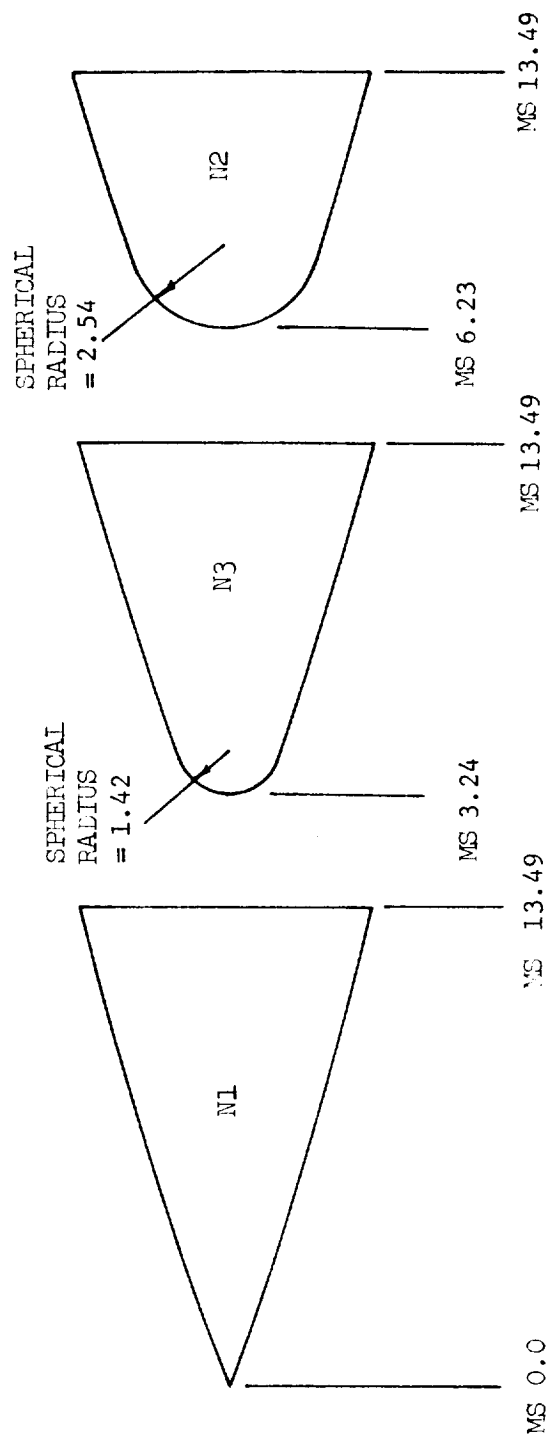
HINGE LINE LOCATION (MS.)	CANARD POSITION
17.03	FWD
23.18	MID
38.10	AFT

HINGE LINE LOCATION (MS.)	TAIL FIN POSITION
107.32	FWD
116.84	MID
126.37	AFT

NOTE: MODEL IS AXIS SYMMETRIC, CANARD AND TAIL ARE CRUCIFORM CONFIGURATIONS AND MAY BE ALIGNED OR INTERDIGITATED

(a) Basic model drawing

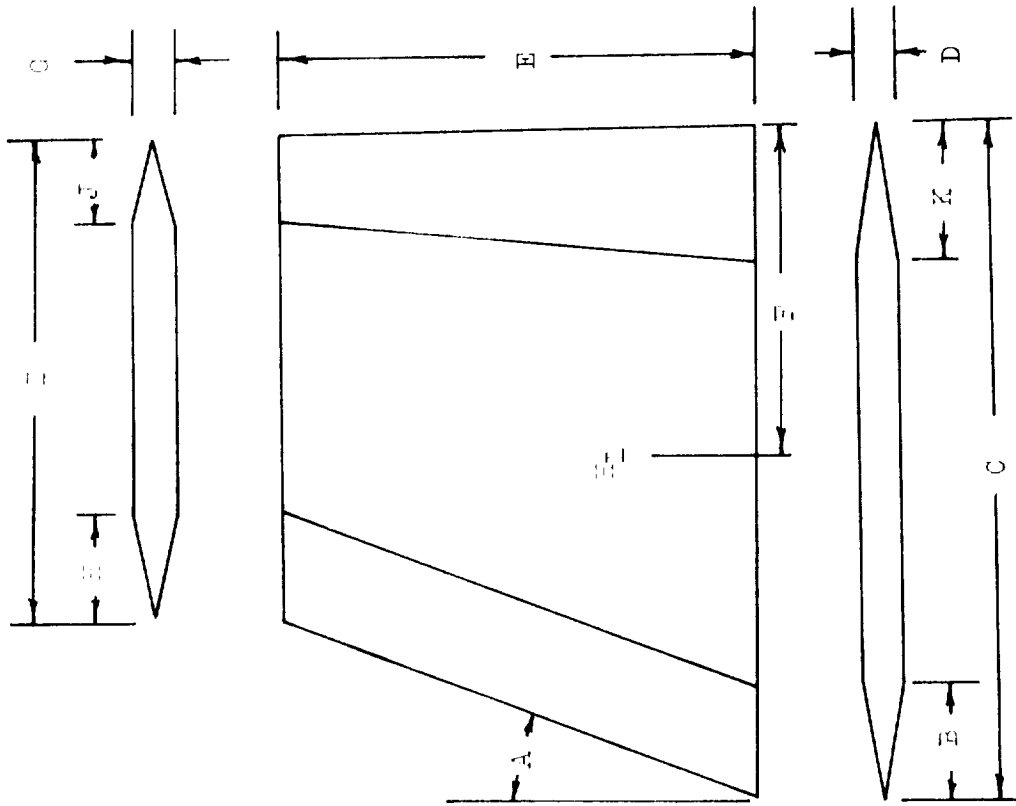
Figure 3. - Basic model and components



(b) Nose configuration

Figure 3. - Continued.

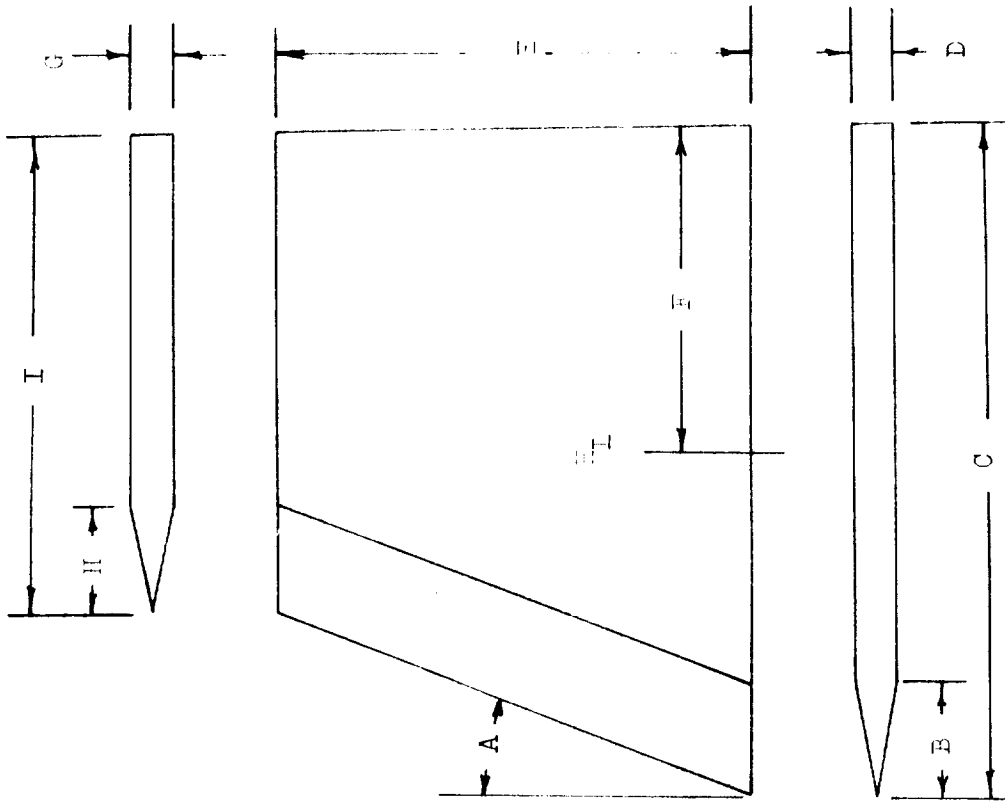




NOTE: SEE TABLE I FOR DIMENSIONS OF CONTROL PANELS

(c) Canard configurations

Figure 3. - Continued.



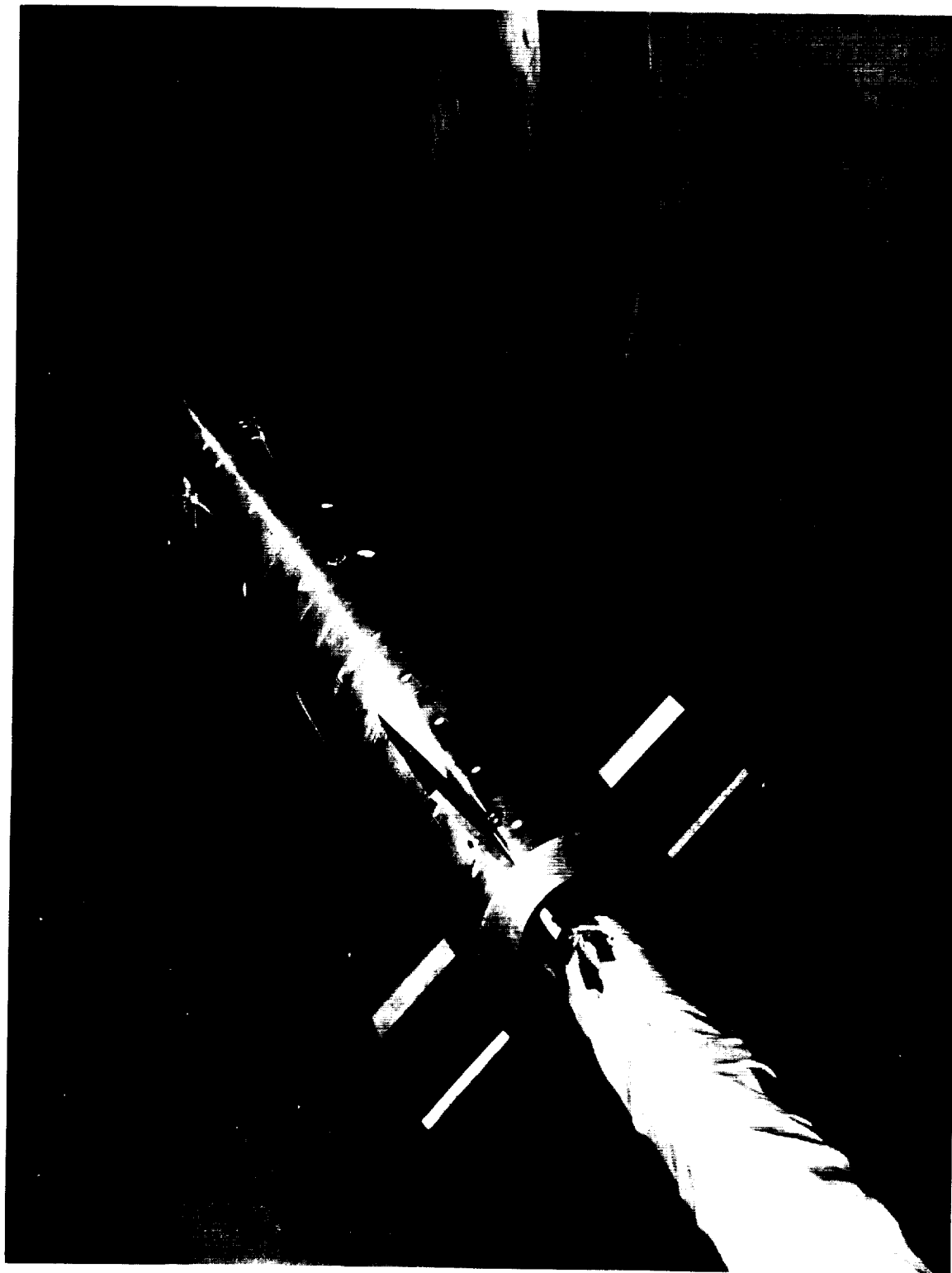
NOTE: SEE TABLE I FOR GEOMETRY OF CONTROL PANELS

(d) Tail configuration

Figure 3. - Concluded.



(a) Three-quarter front view  
Figure 4. - Model photographs.



(b) Three-quarter rear view

Figure 4. - Concluded.

Data Figures



# CONFIGURATION 22 (BN3)

(0EZ346)

SYMBOL	MACH	BETA	PARAMETRIC VALUES
○	.799		.000
□	1.310		
◇	1.754		

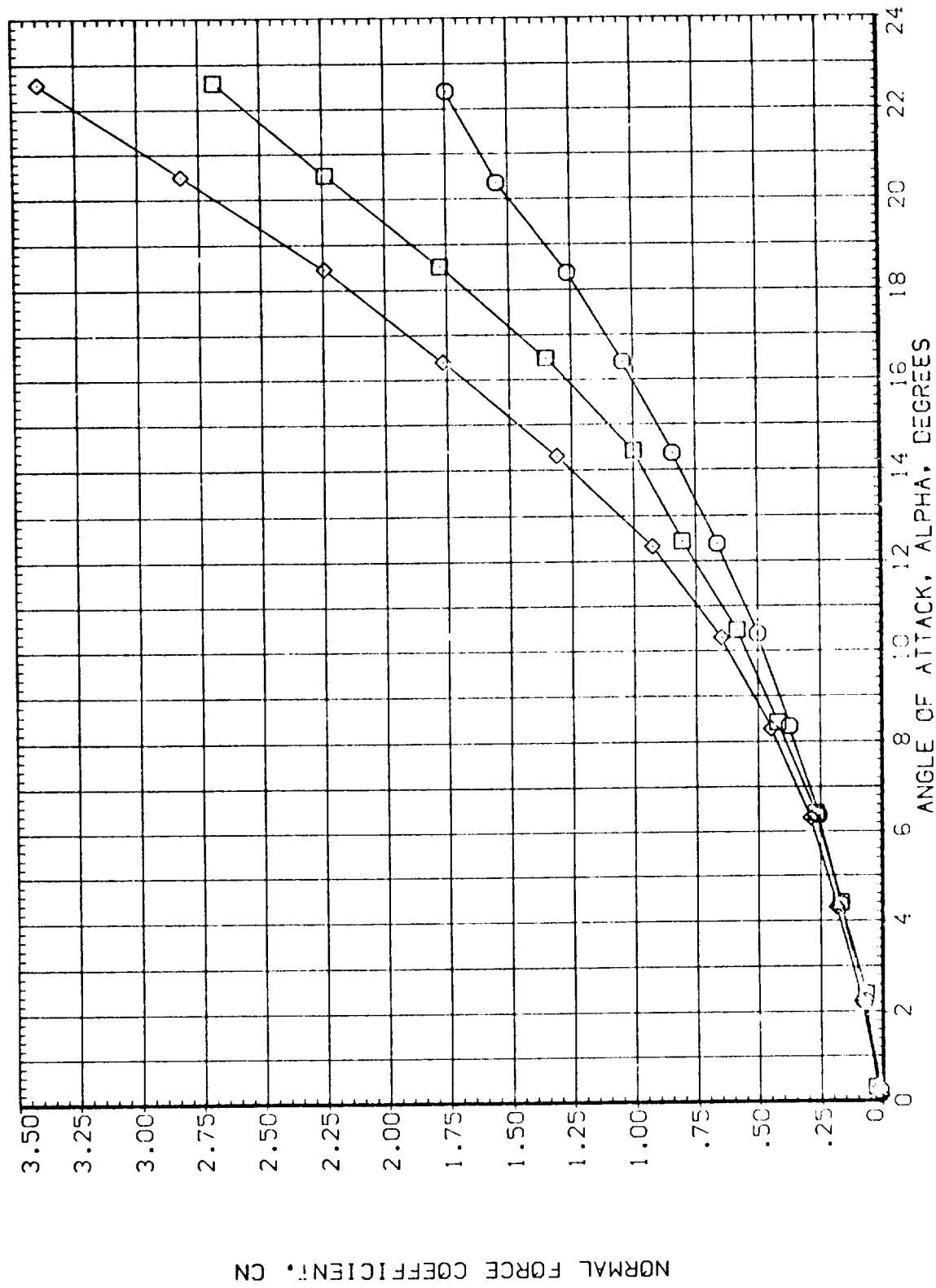


FIG. 5 BODY-ALONE CHARACTERISTICS

# CONFIGURATION 22 (BN3)

(0EZ346)

SYMBOL	MACH	BETA	PARAMETRIC VALUES
○	.799		.000
□	1.310		
◇	1.754		

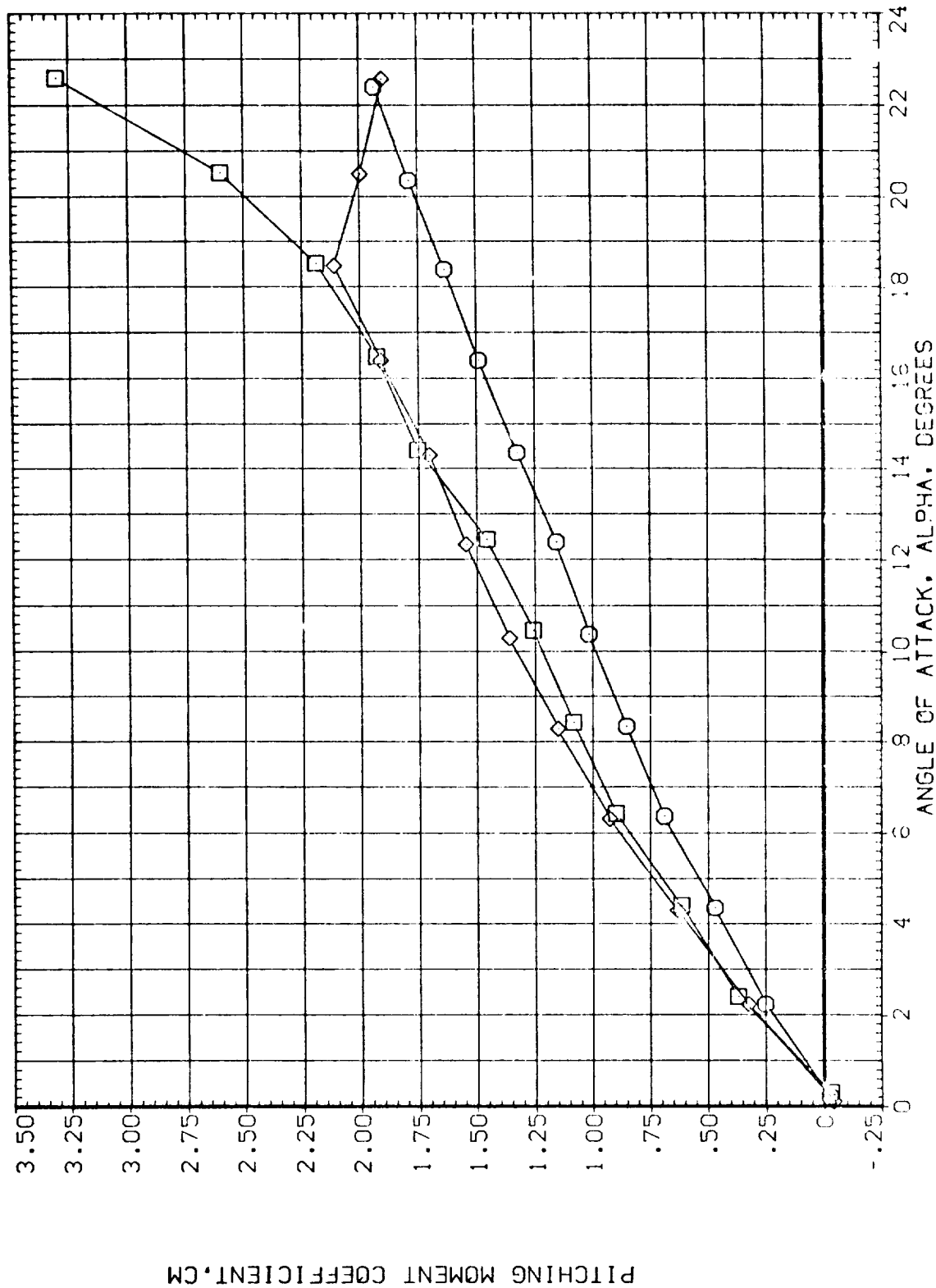


FIG. 5 BODY-ALONE CHARACTERISTICS



CONFIGURATION 22 (BN3)

(0EZ346)

SYMBOL MACH BETA PARAMETRIC VALUES  
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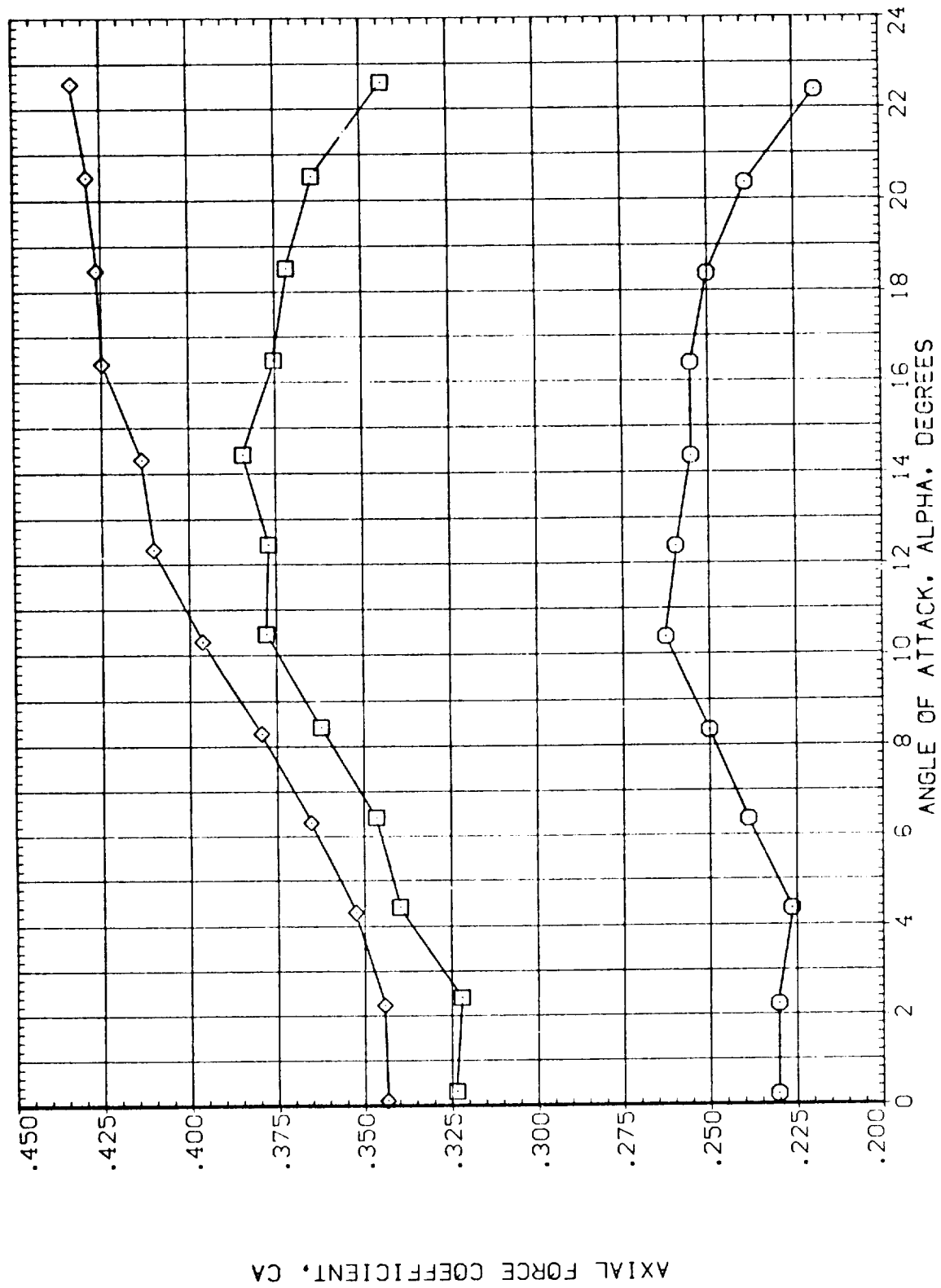


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(0EZ346)

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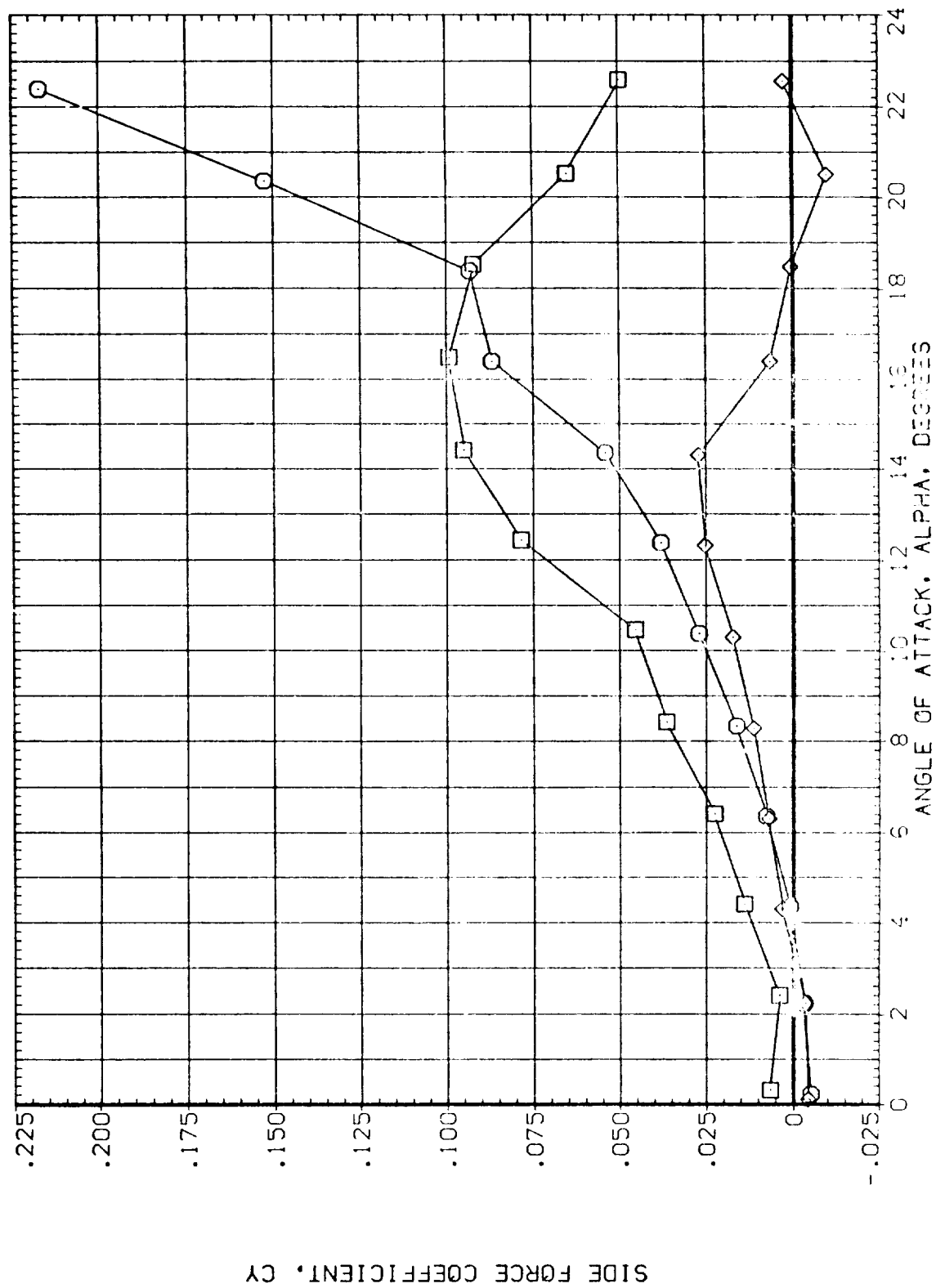


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◇	1.754		

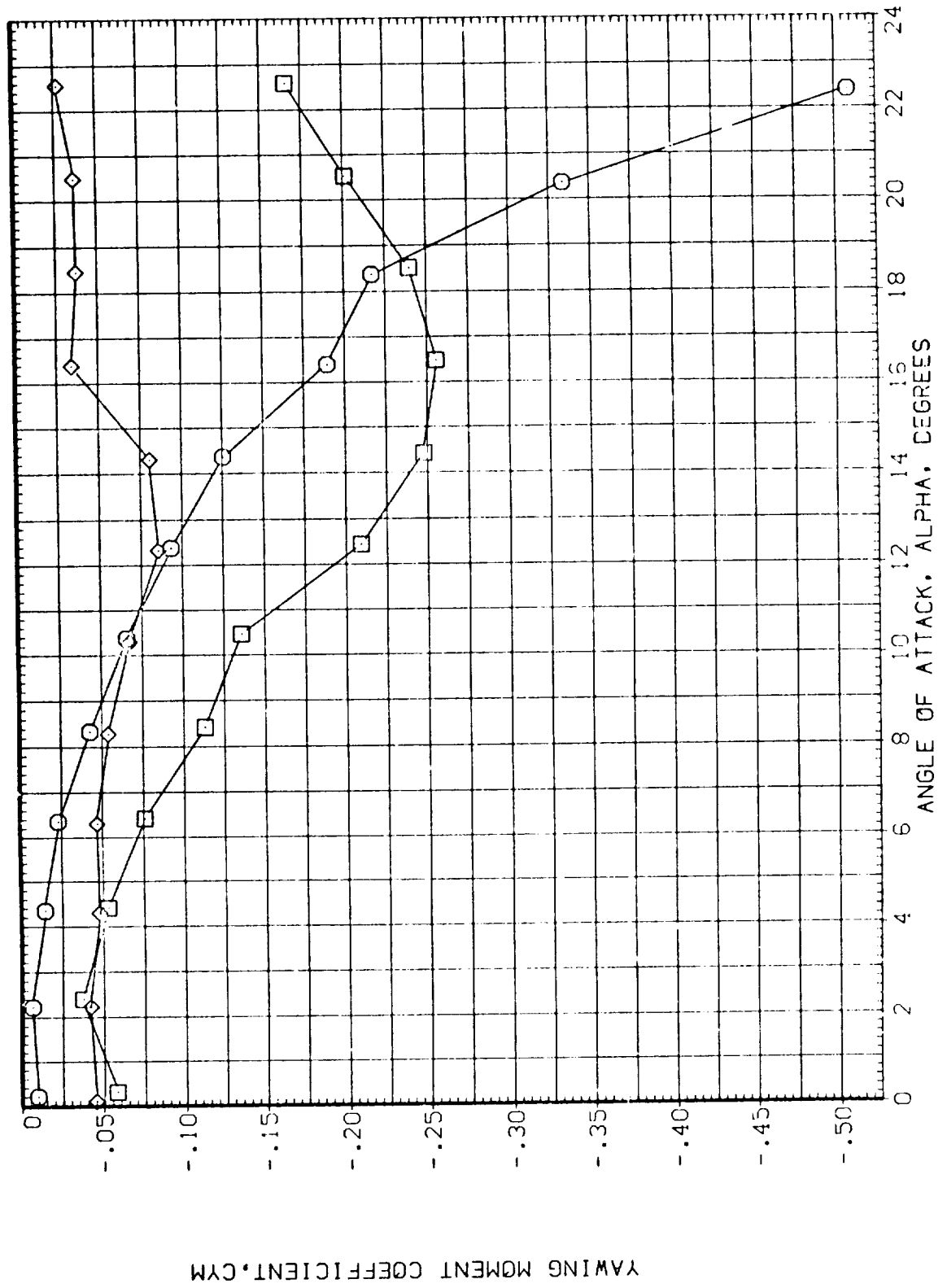


FIG. 5 BODY-ALONE CHARACTERISTICS

SYMBOL	PARAMETRIC VALUES	
	MACH	BETA
○	.799	.000
□	1.310	
◇	1.754	

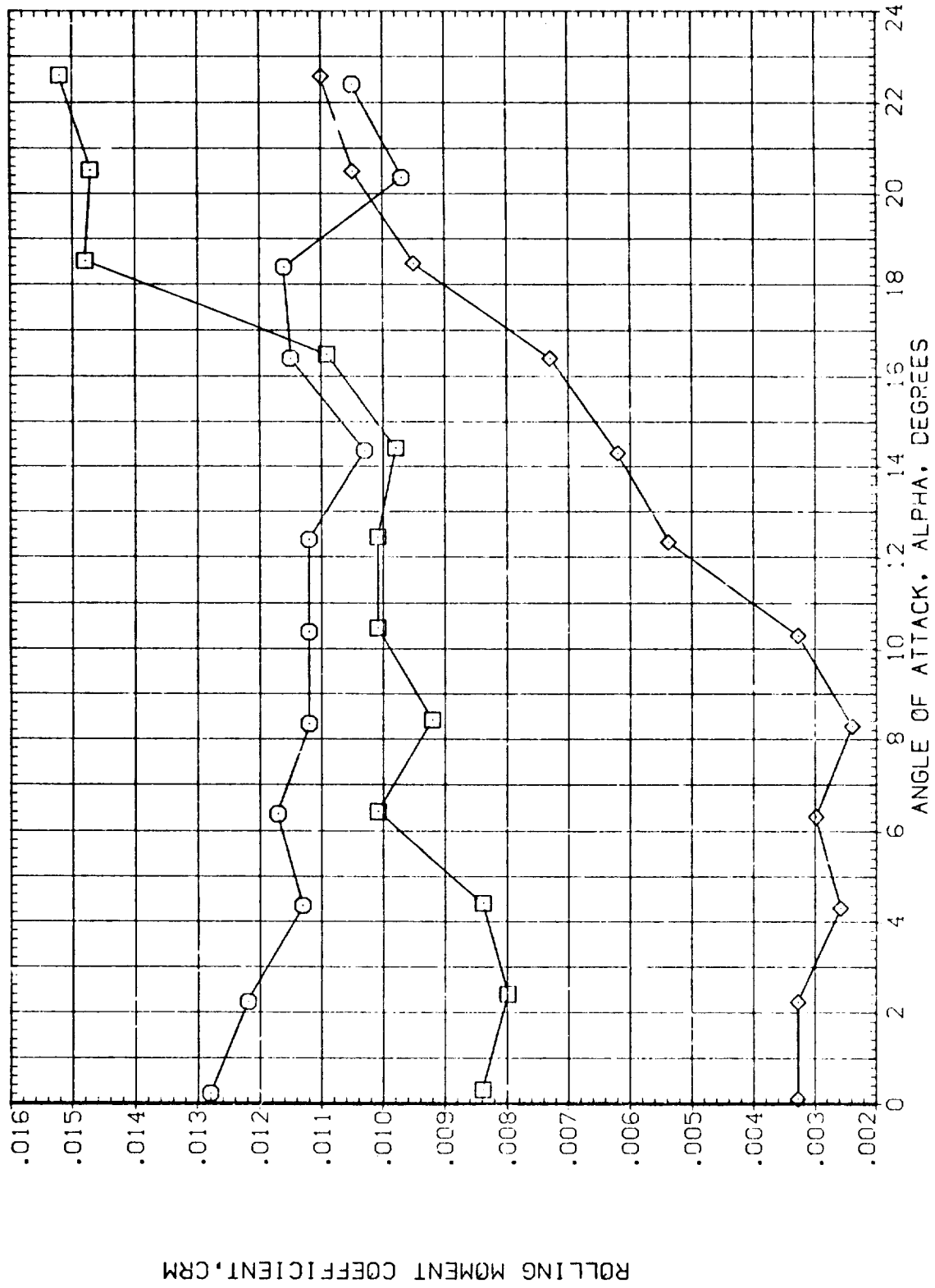


FIG. 5 BODY-ALONE CHARACTERISTICS

(CEZ009)

CONFIGURATION 5 (BN3T2)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	.902	BETA	.000
○	CN	PHI-C <td>.000<td>PHI-T<td>.000</td></td></td>	.000 <td>PHI-T<td>.000</td></td>	PHI-T <td>.000</td>	.000
□	CNB				

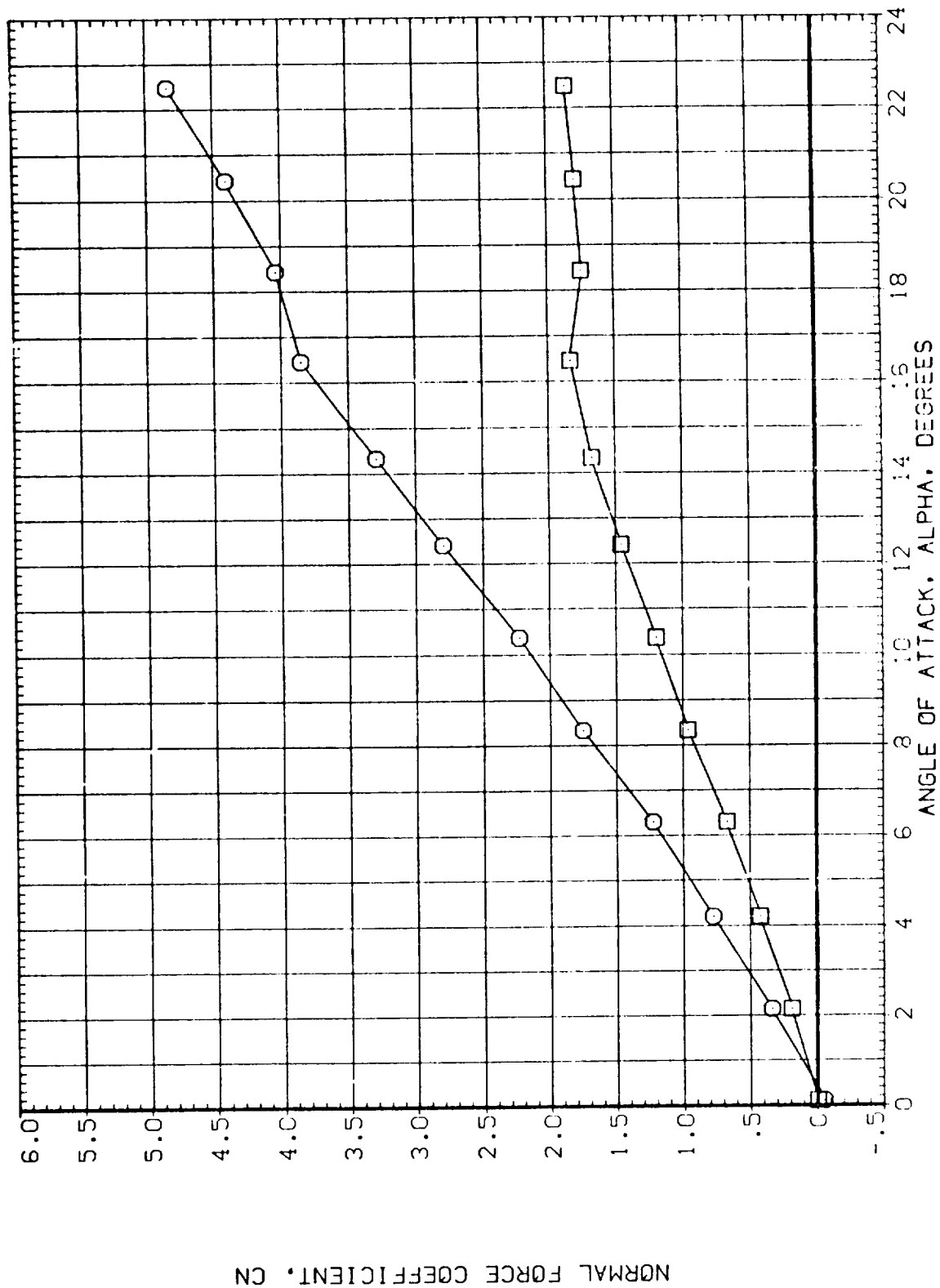


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
			BETA	PHI-T
○	CN	1.749	.000	.000
□	CNB	PHI-C	.000	.000

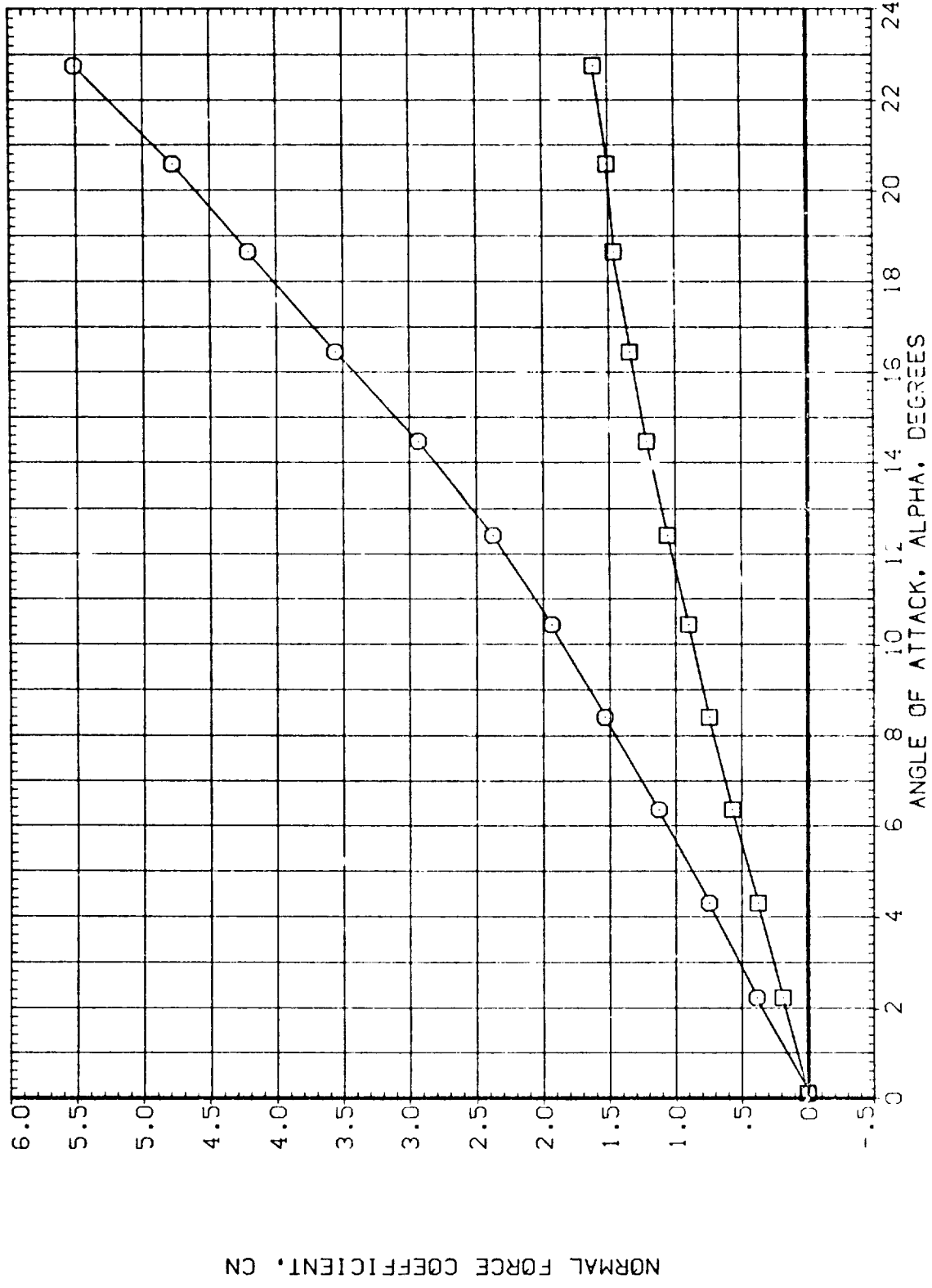


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ009)

CONFIGURATION 5 (BN3T2)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	.802	BETA	.000
	CM	PHI-C	.000	PHI-T	.000
	CMB				

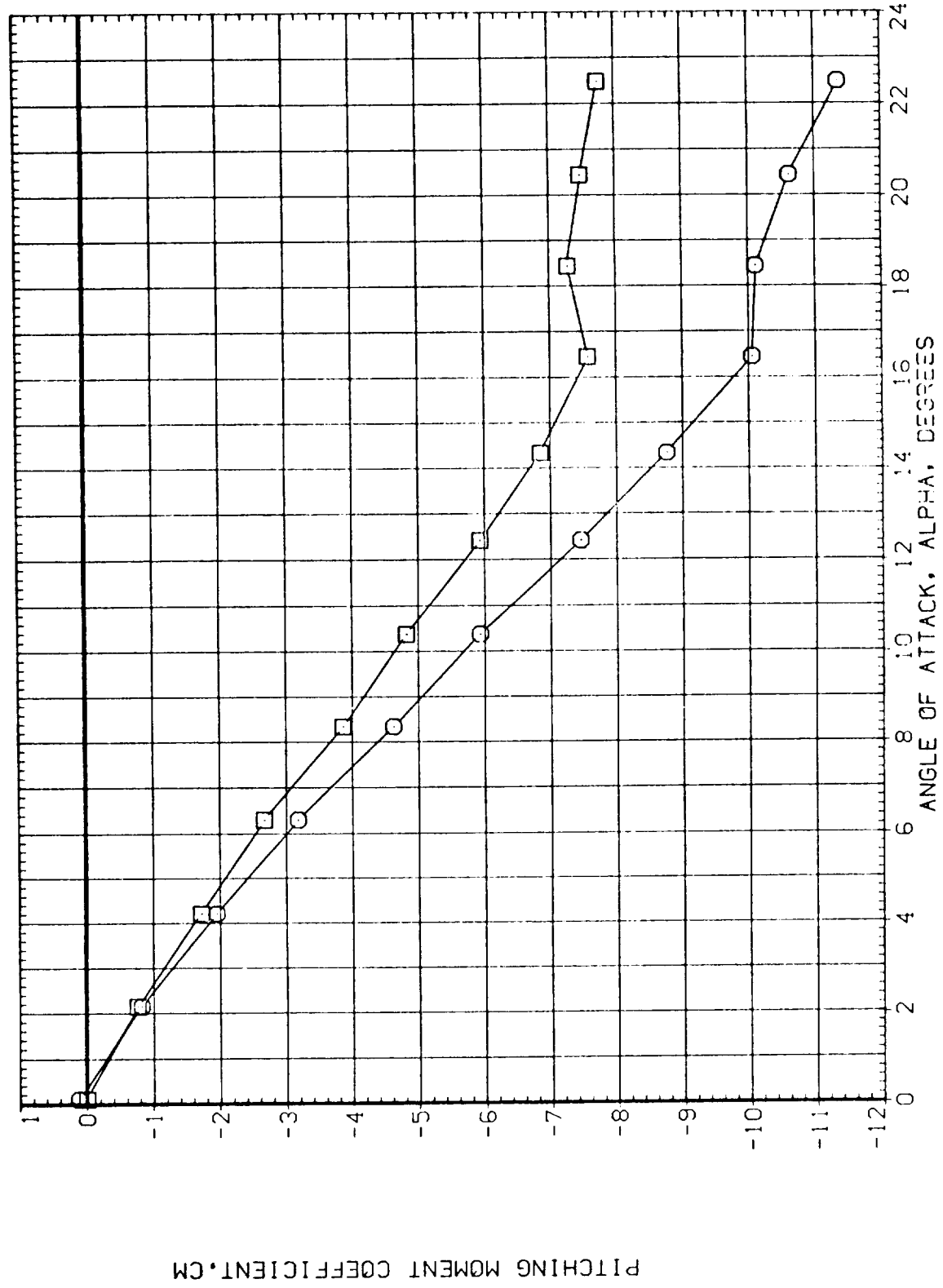


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 5 (BN3T2)

SYMBOL		DATA	PARAMETRIC VALUES	
			MACH	BETA
	CM		1.749	.000
	CMB		PHI-C	PHI-T
				.000

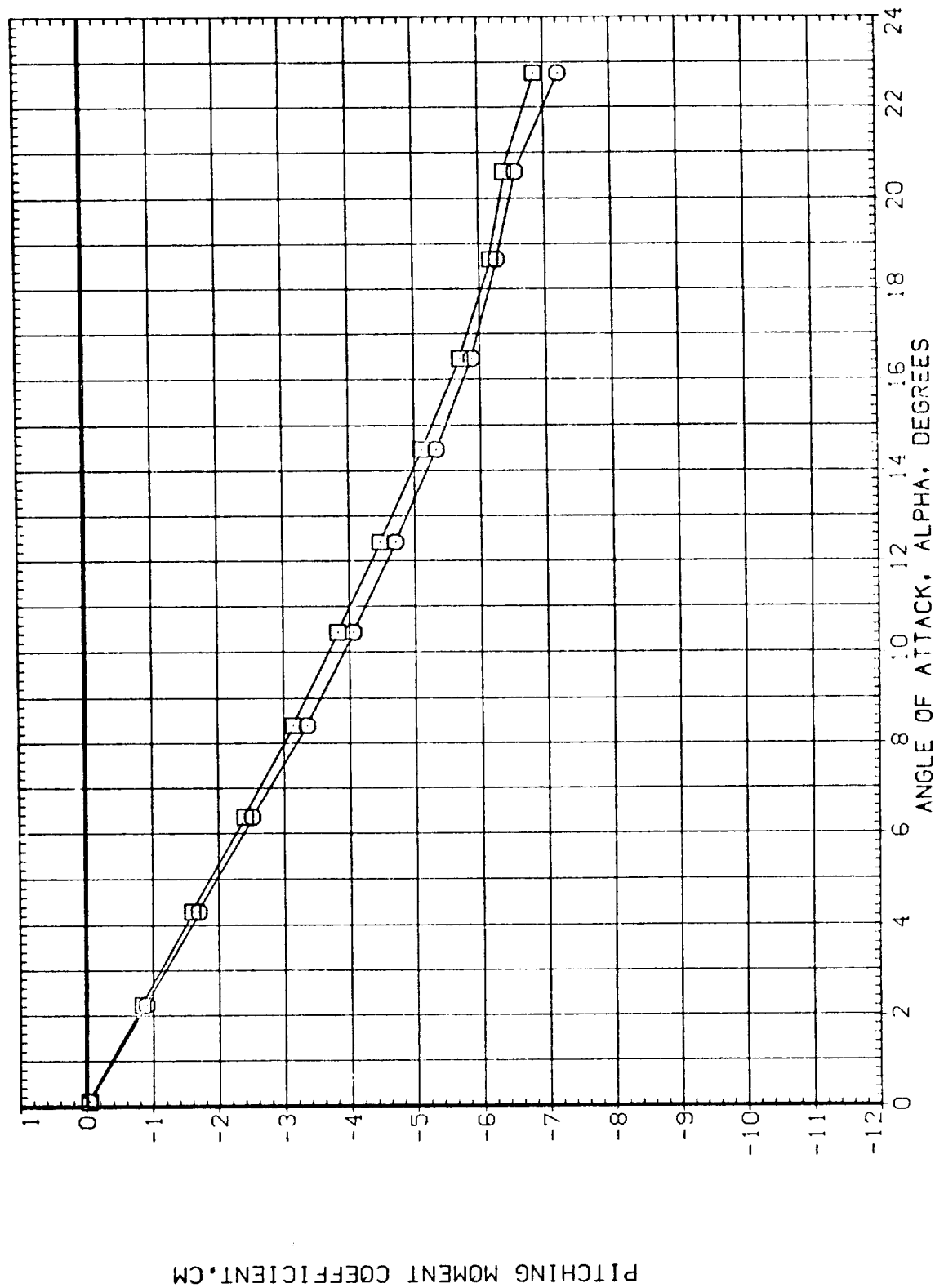


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



(0EZ009)

CONFIGURATION 5 (BN3T2)

SYMBOL	DATA	PARAMETRIC VALUES		
		MACH	BETA	.000
O	CA	PHI-C	PHI-T	.000

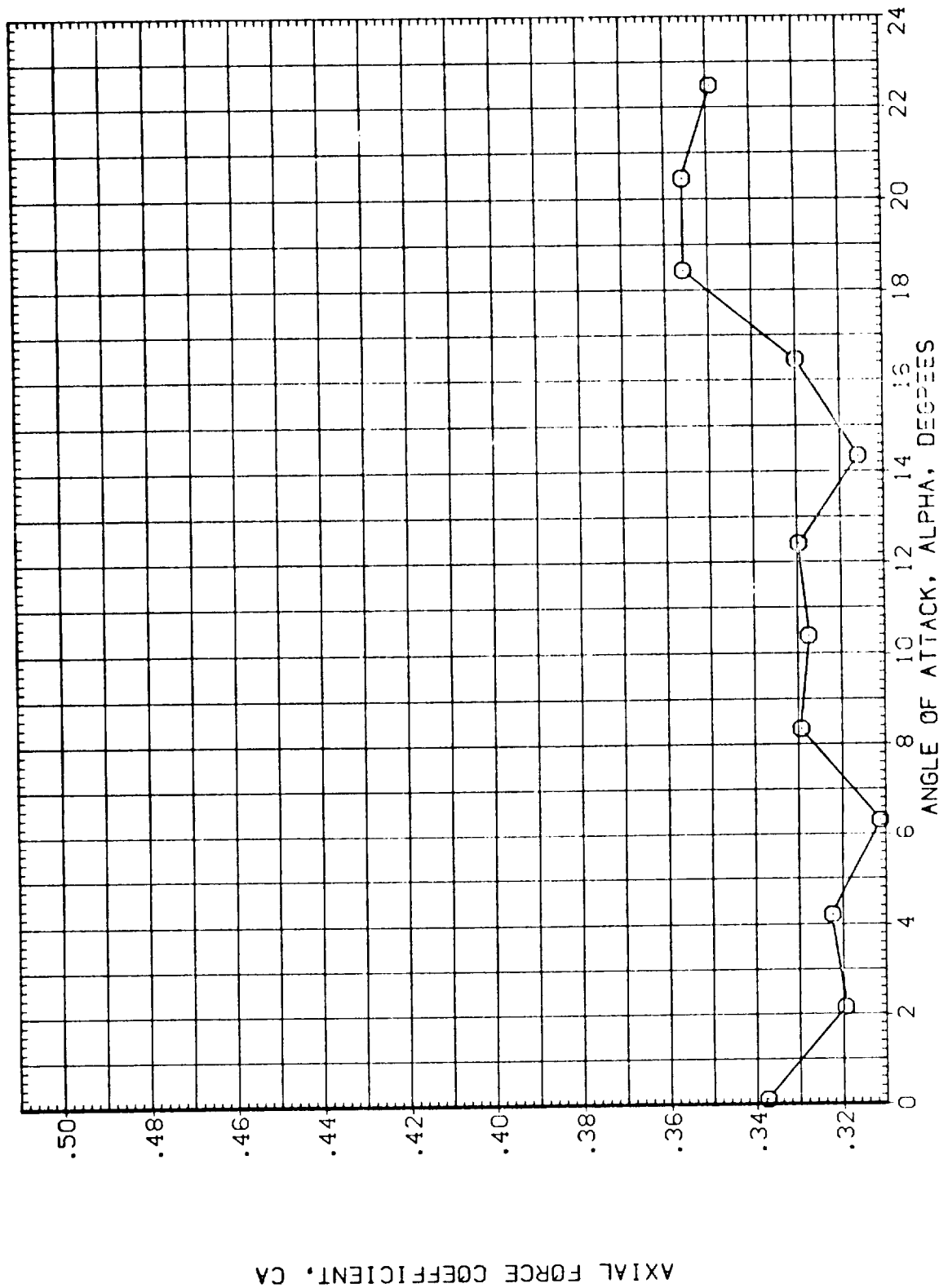


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES		
		MACH	BETA	
O	CA	PHI-C	PHI-T	
		.000	.000	

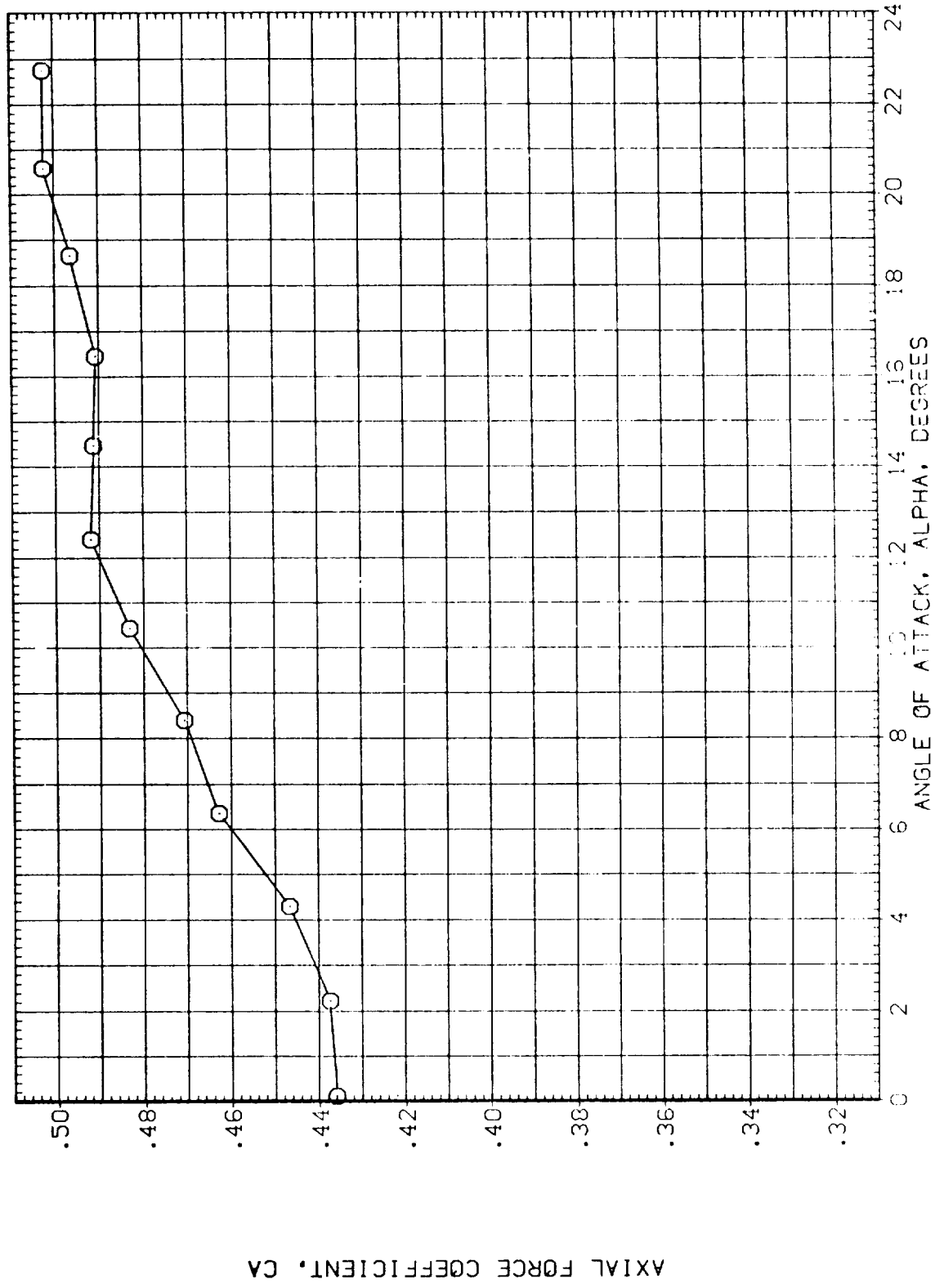


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ009)

CONFIGURATION 5 (BN3T2)

DATA	PARAMETRIC VALUES
CY	.802 BETA .000
CYB	.000 PHI-T .000

SYMBOL  
○  
□

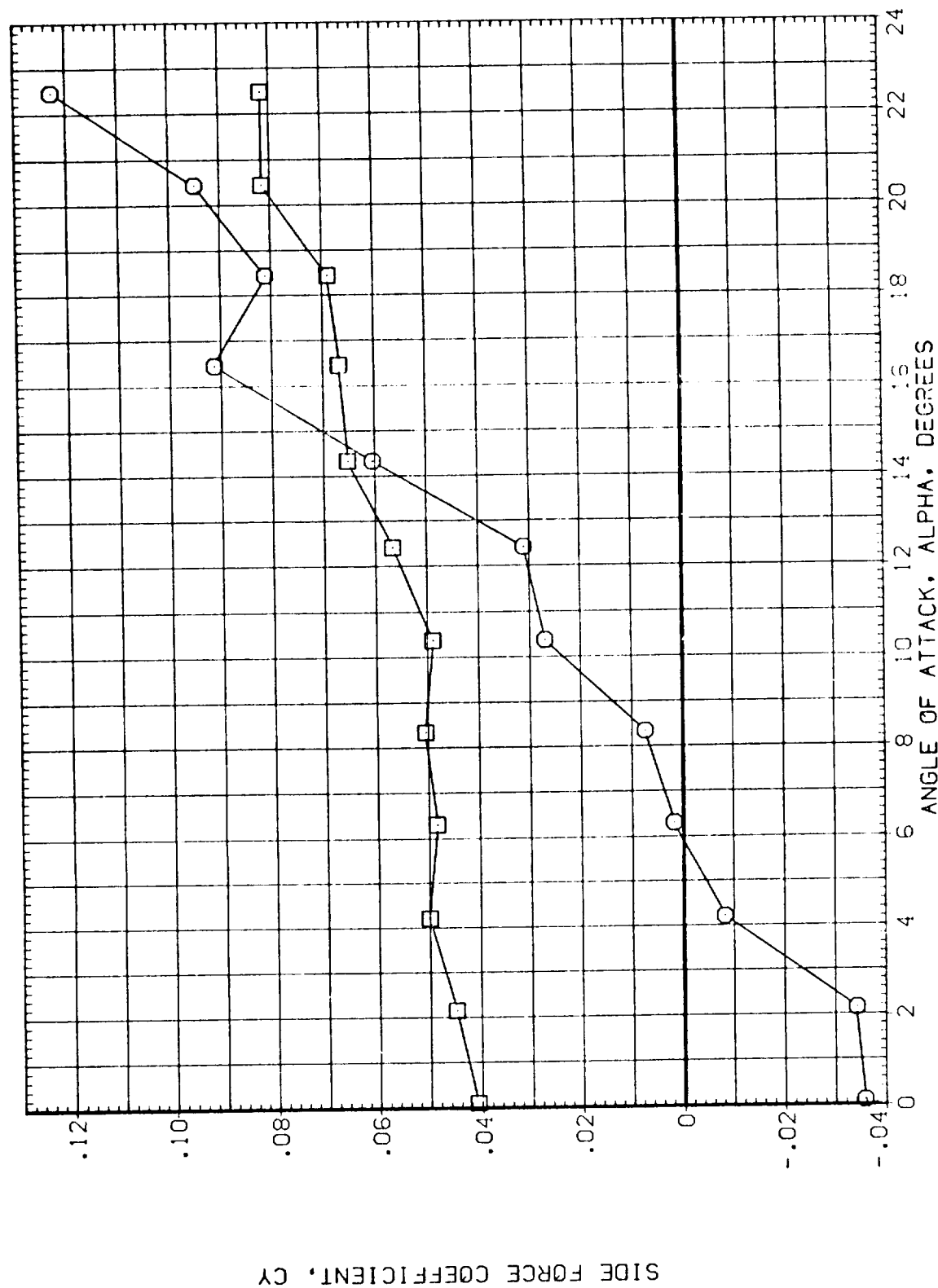


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 5 (BN3T2)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	BETA	PHI-C	PHI-T
○	CY	1.749	.000		.000
□	CYB		.000		.000

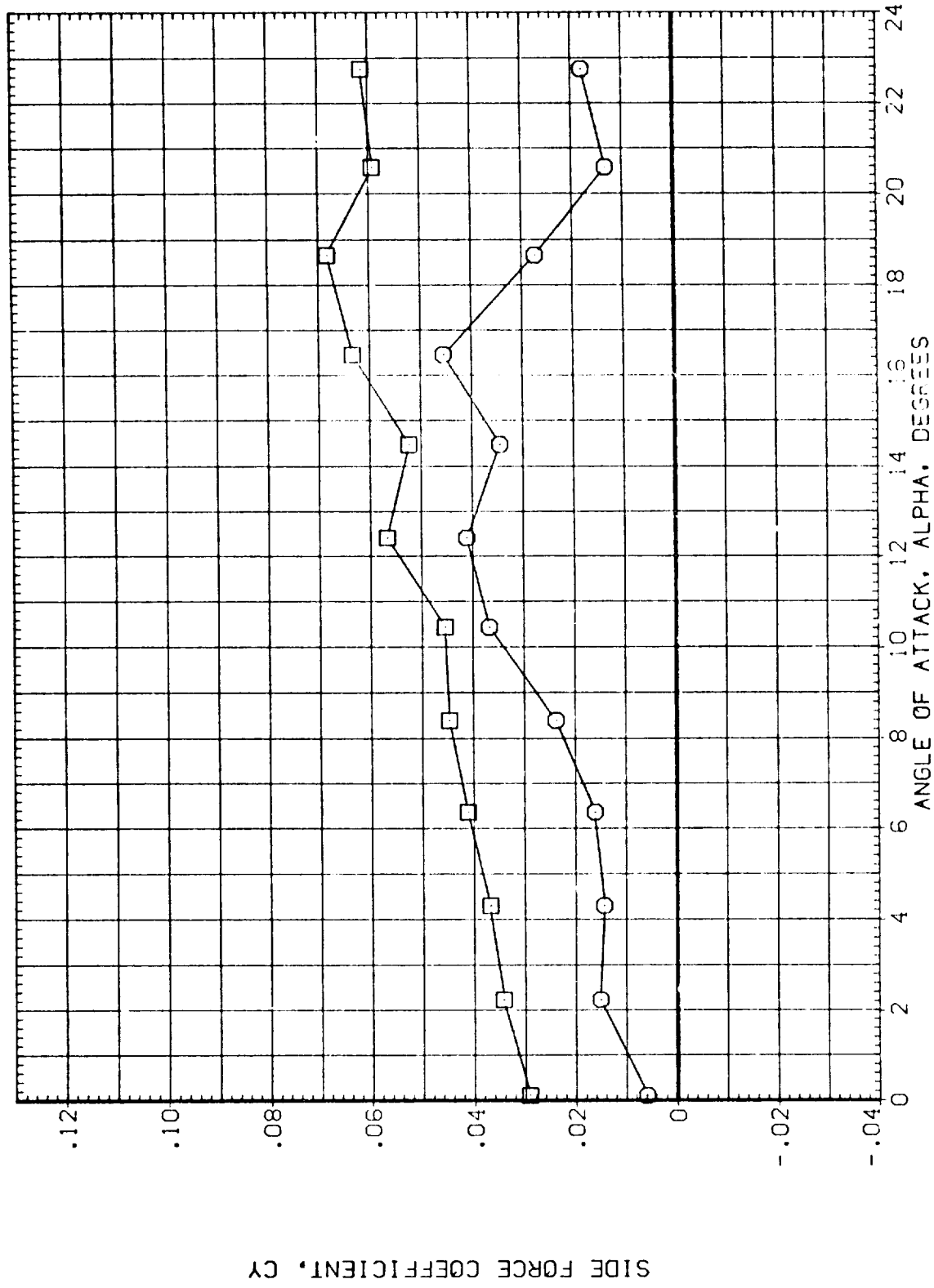


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ009)

CONFIGURATION 5 (BN3T2)

SYMBOL	DATA	PARAMETRIC VALUES		
		MACH	BETA	
○	CYM		.802	.000
□	CYMB	PHI-C	.000	PHI-T .000

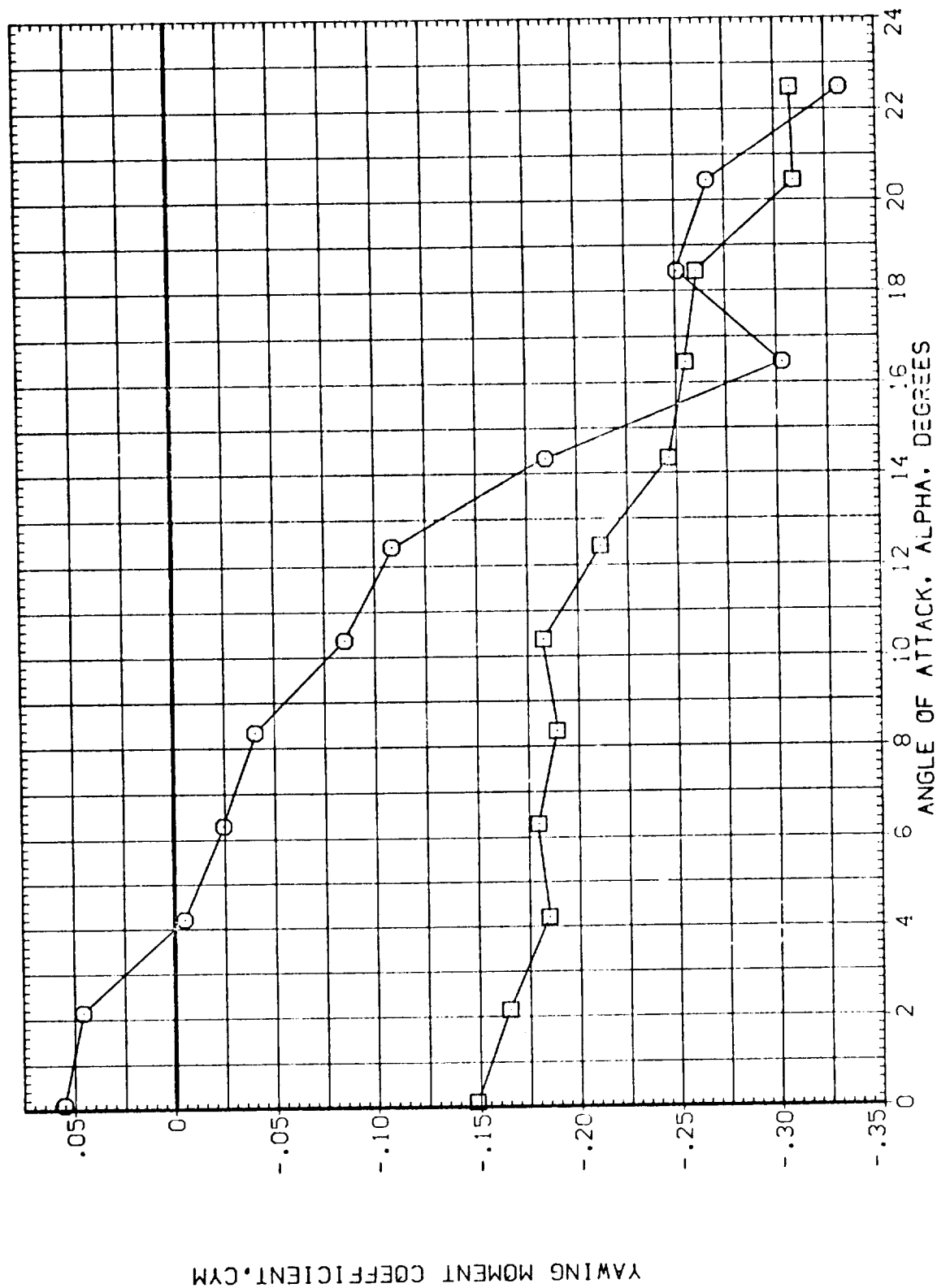


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES		
		MACH	BETA	.000
○	CYM	PHI-C	PHI-T	.000
□	CYMB			

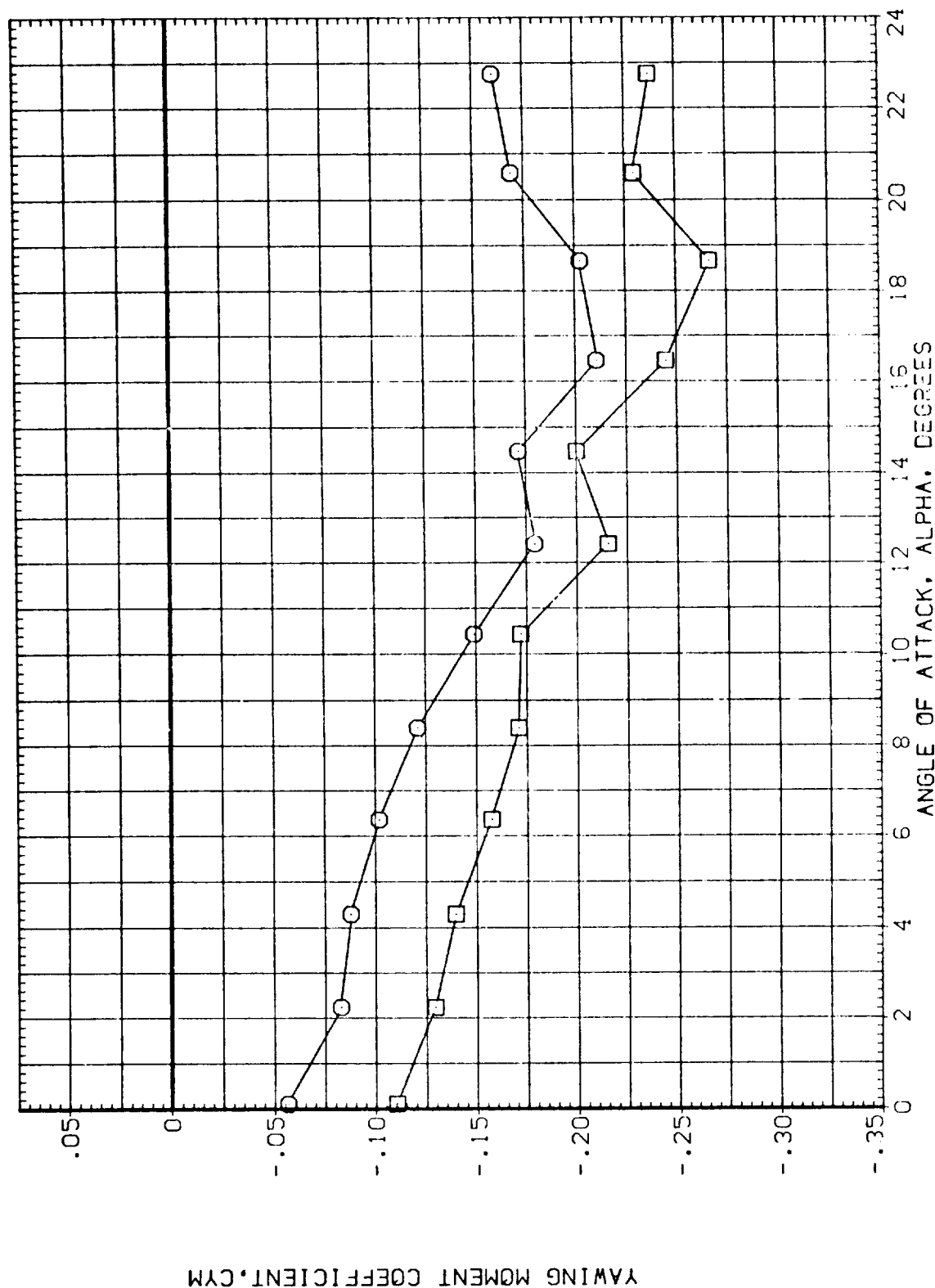


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ009)

CONFIGURATION 5 (BN3T2)

SYMBOL	DATA	PARAMETRIC VALUES		
		MACH	BETA	PHI-T
○	CRM	.802	.000	.000
□	CRMB	.000	.000	.000

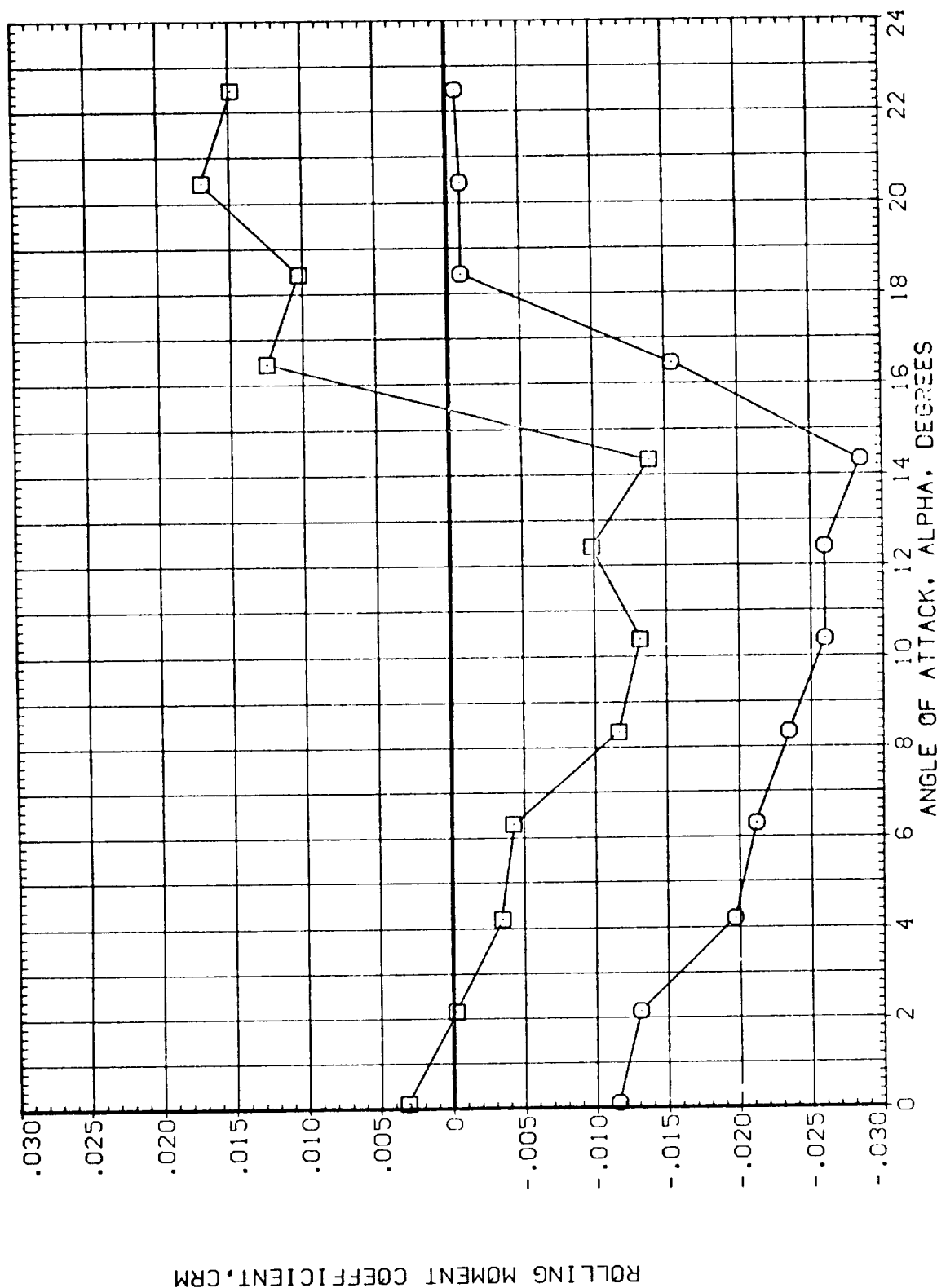


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES		
		MACH	BETA	PHI-T
○	CRM	1.749	.000	.000
□	CRMB	.000	.000	.000

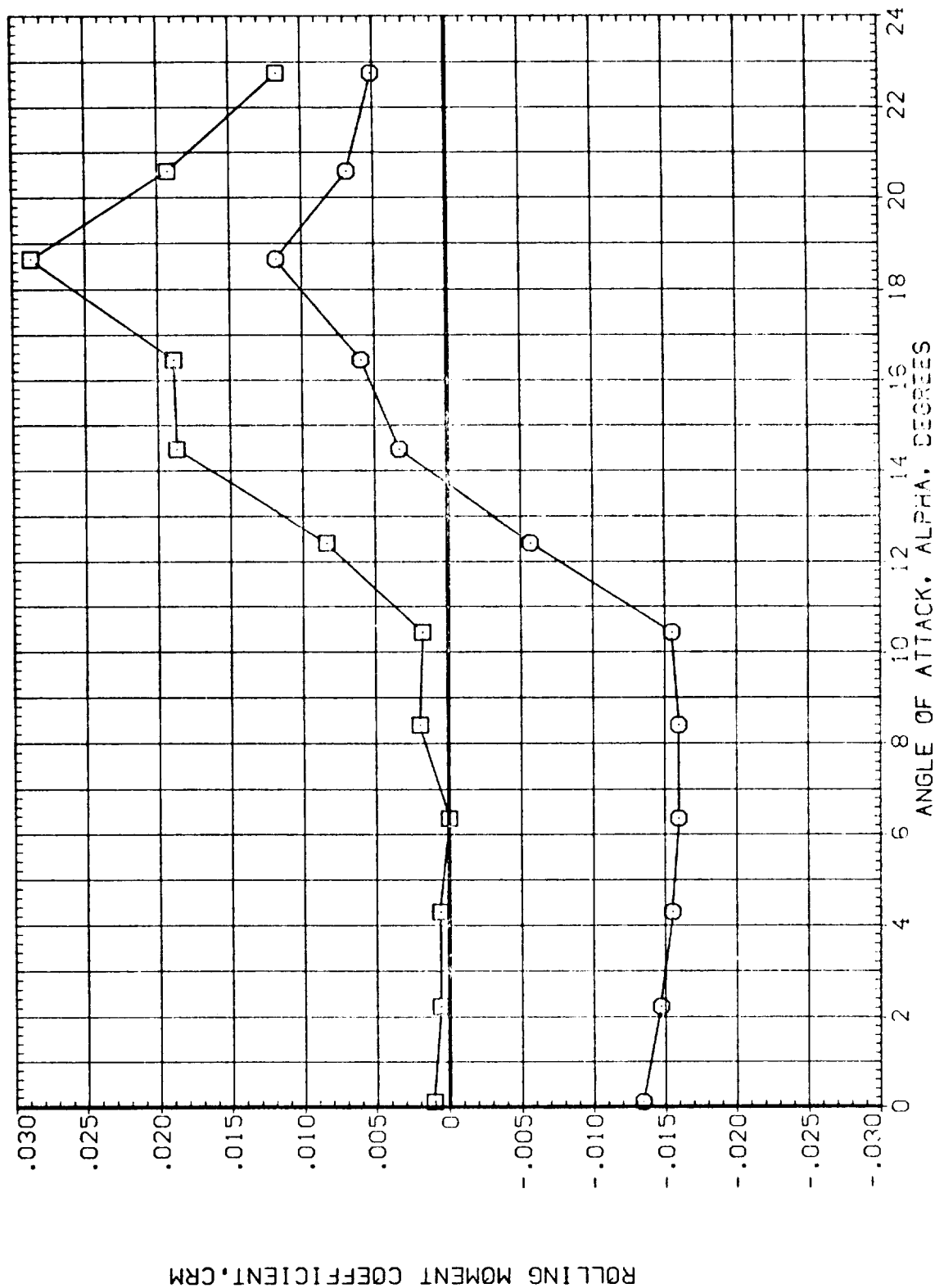


FIG. 6 BODY-TAIL CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



(CEZ206)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	.801	BETA	.000	
	CN	D1	.000	D3	.000	
	CNB	D2	.000	D4	.000	
		D1-3	.000	D2-4	.000	
		PHI-C	.000			

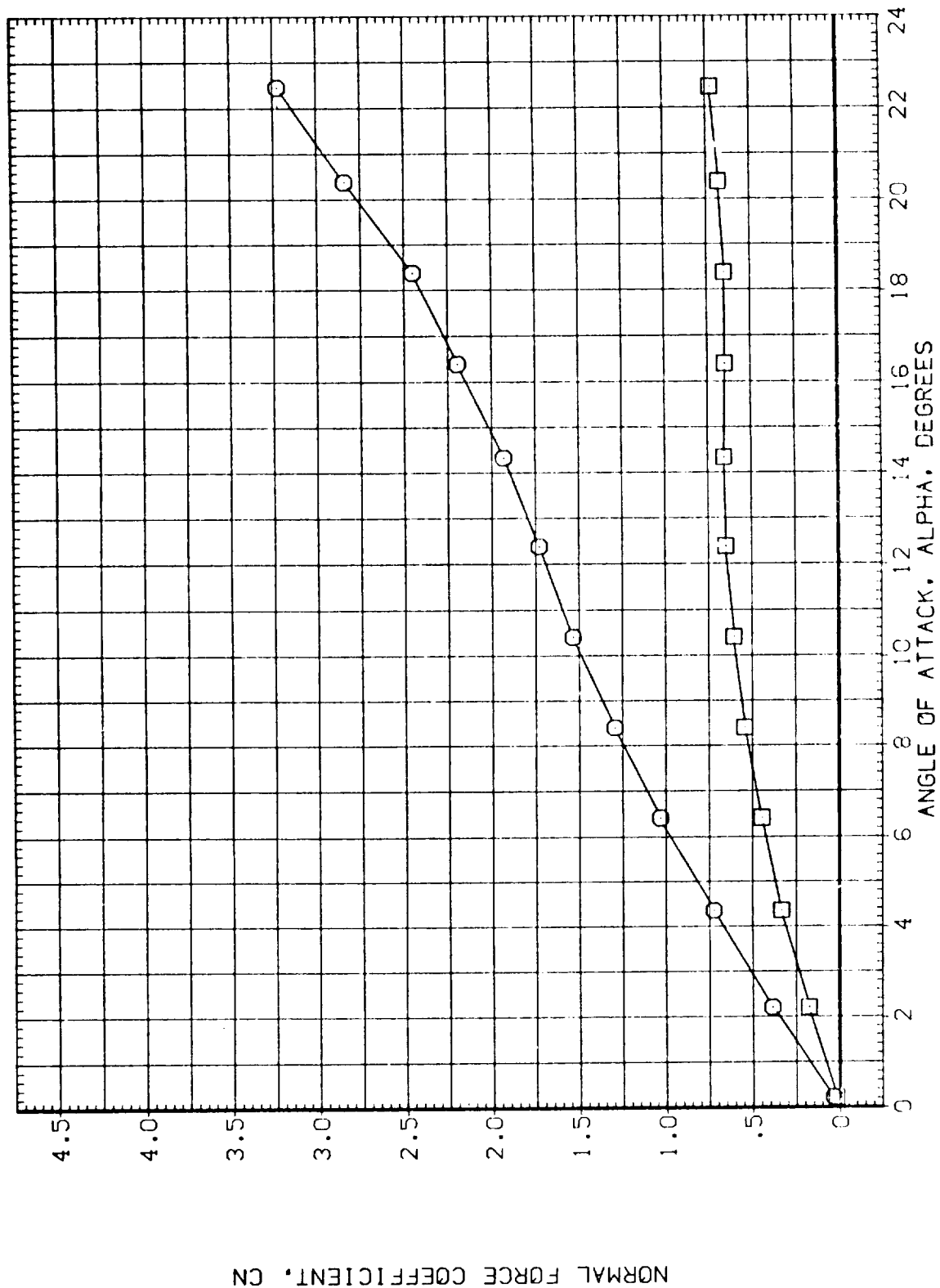


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	PARAMETRIC VALUES			
CN	MACH	1.313	BETA	.000
CNB	D1	.000	D3	.000
	D2	.000	D4	.000
	D1-3	.000	D2-4	.000
	PHI-C	.000		

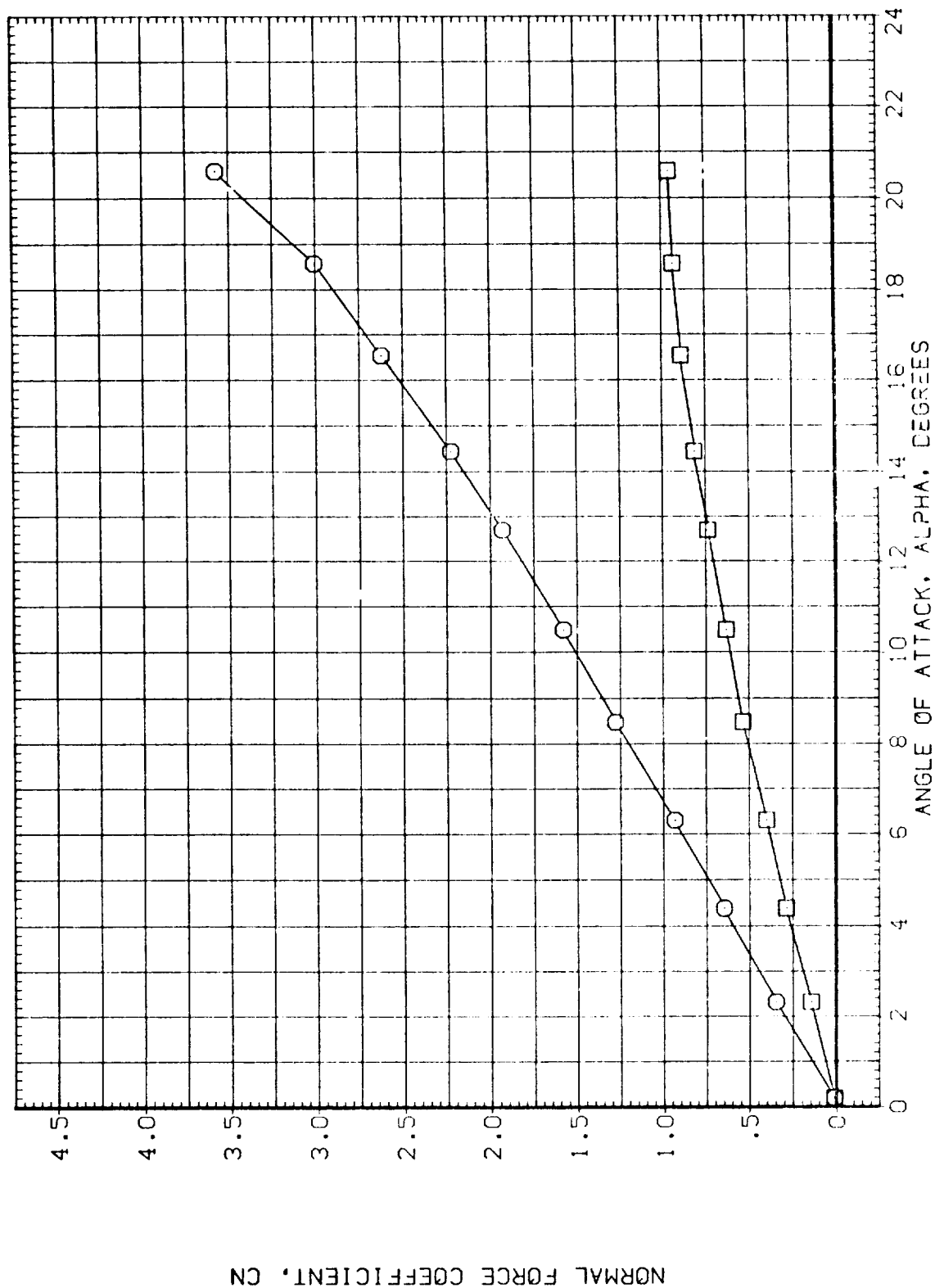


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ206)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA		PARAMETRIC VALUES			
	CN	CNB	MACH	BETA	D3	D4
○			D1	.000	.000	.000
□			D2	.000	.000	.000
			D1-3	.000	D2-4	.000
			PHI-C	.000		

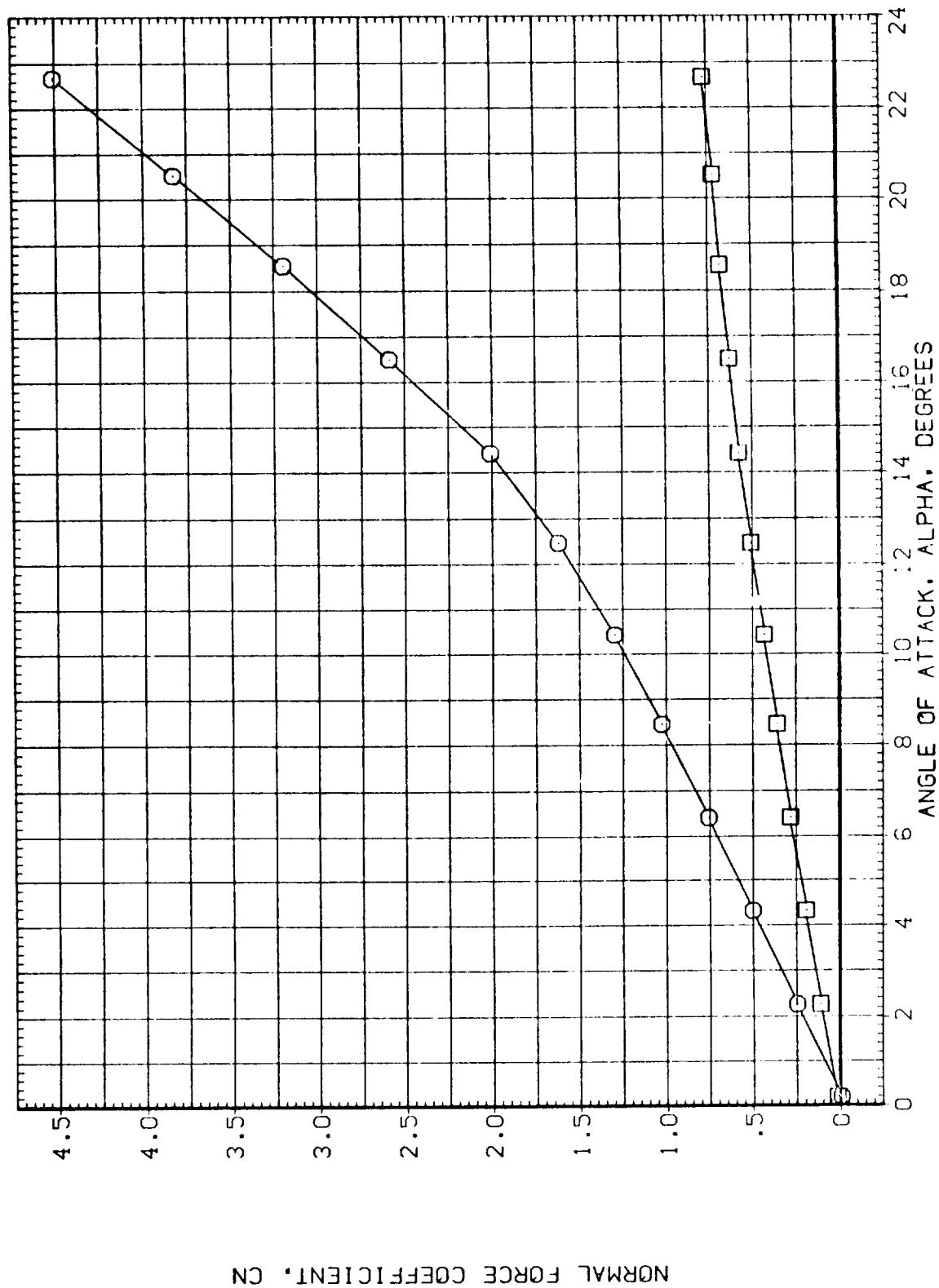


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	.801	BETA	.000		
	CM	D1	.000	D3	.000		
	CMB	D2	.000	D4	.000		
		D1-3	.000	D2-4	.000		
		PHI-C	.000				

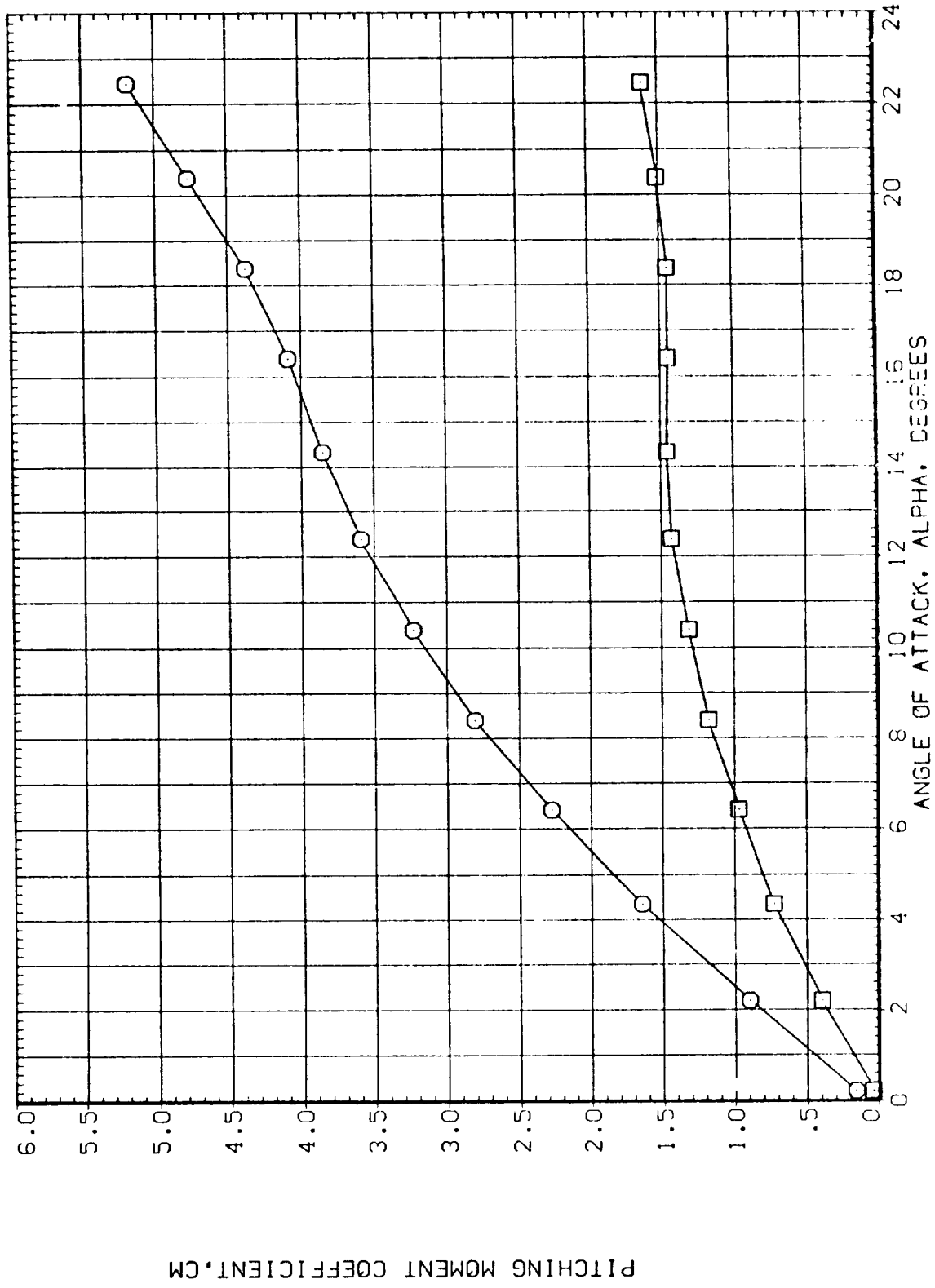


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ206)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.313	BETA	.000	
○	CM	D1	.000	D3	.000	
□	CMB	D2	.000	D4	.000	
		D1-3	.000	D2-4	.000	
		PHI-C	.000			

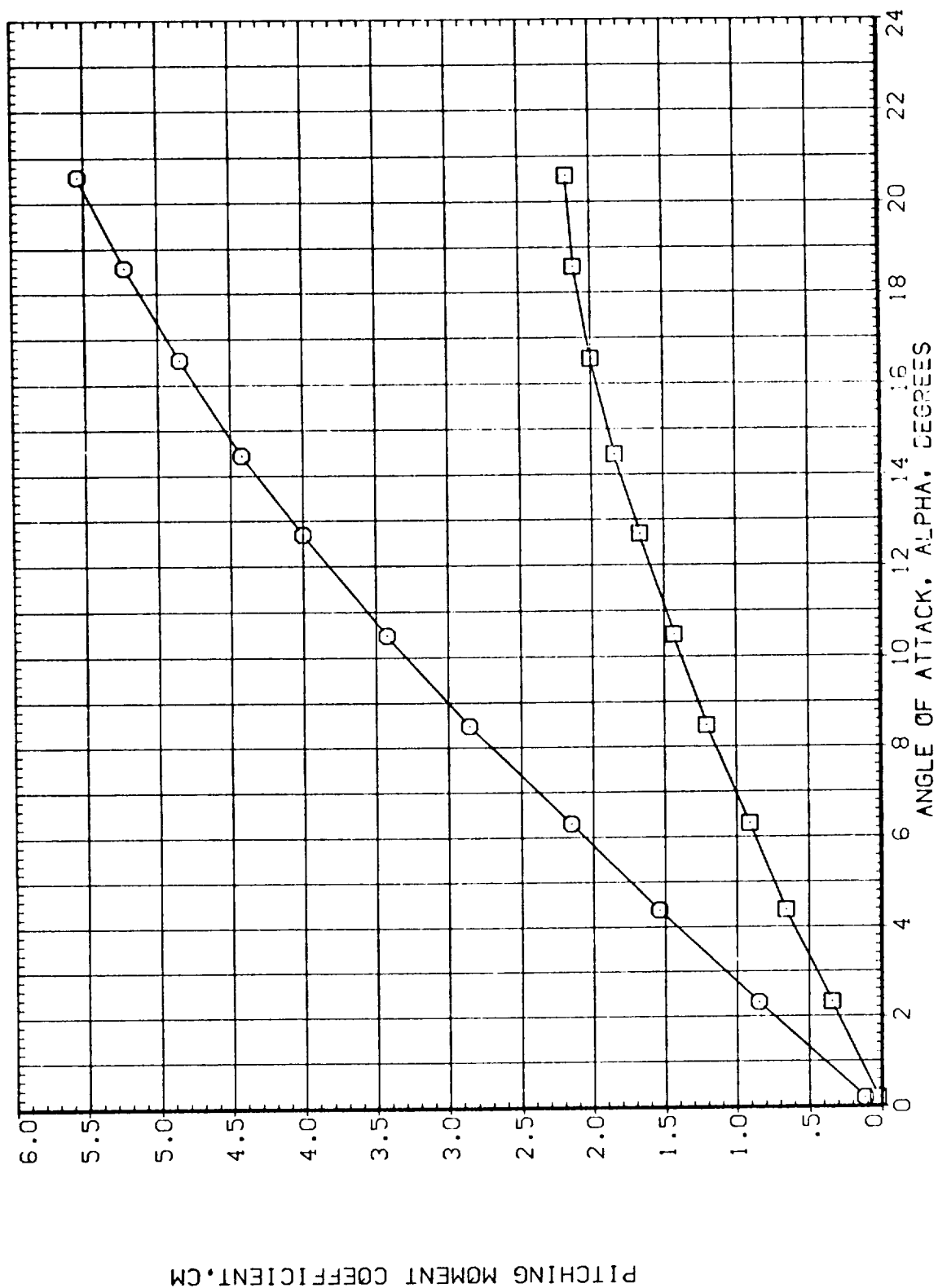


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D3	D4	D2-4
○	CH	D1	1.763	.000	.000	.000
□	CMB	D2	.000	.000	.000	.000
		D1-3	.000	.000	.000	.000
		PHI-C	.000			

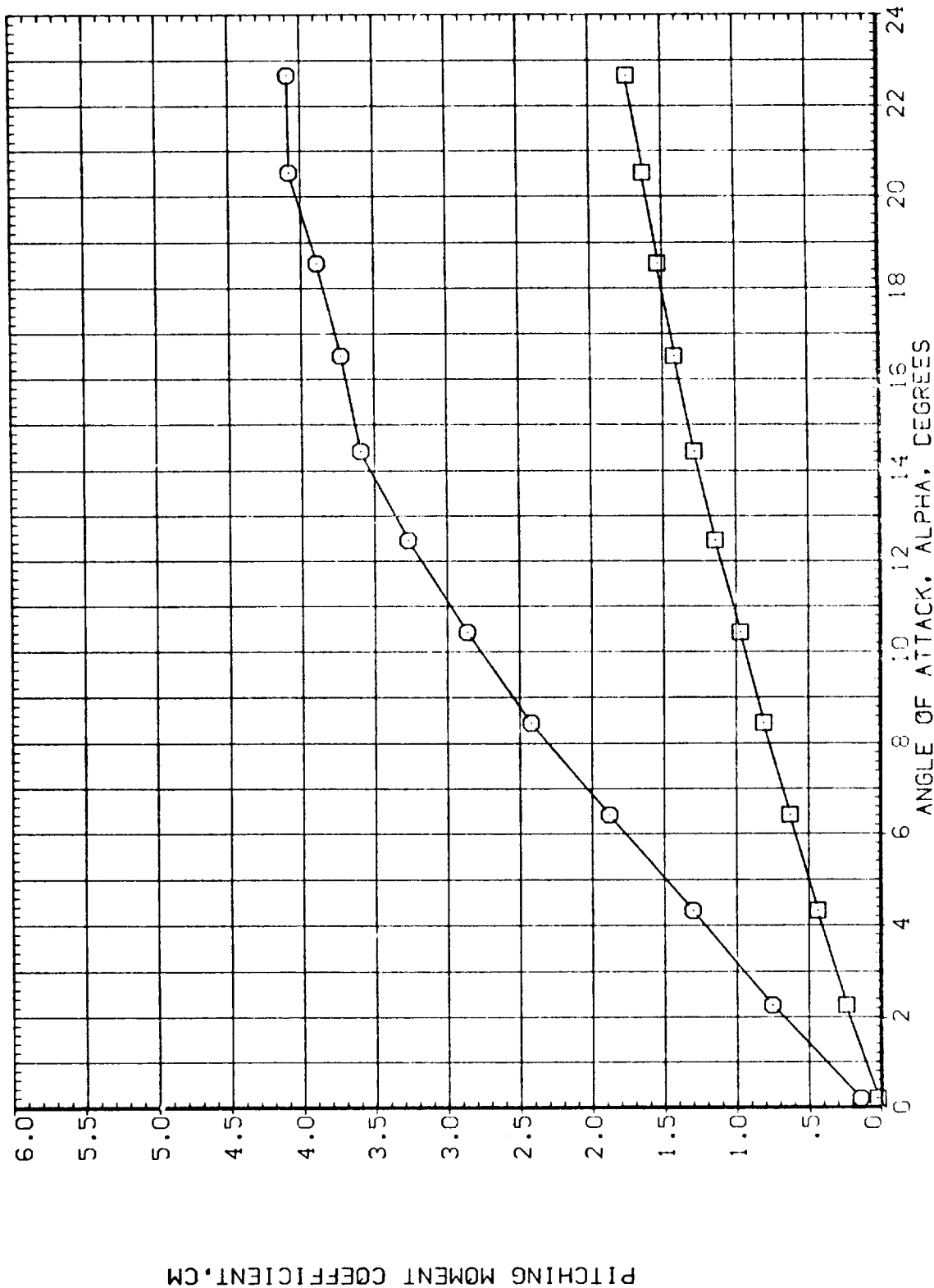


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 11 (BN3C6)

(0EZ206)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	.801	BETA	.000	
	CA	D1	.000	D3	.000	
		D2	.000	D4	.000	
		D1-3	.000	D2-4	.000	
		PHI-C	.000			

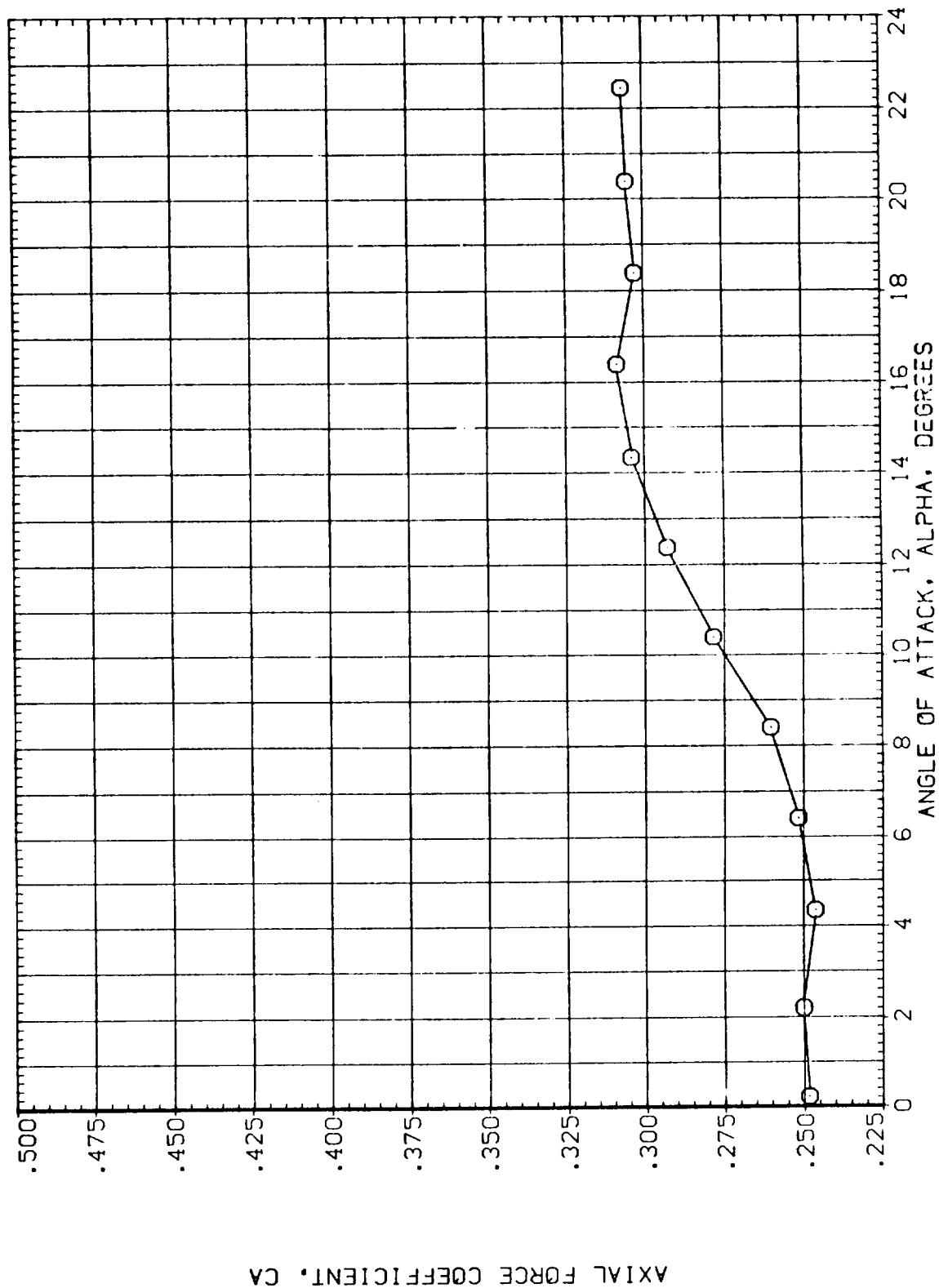


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	BETA	D3	D4
O	CA	D1	.000	.000	.000
		D2	.000	.000	.000
		D1-3	.000	D2-4	.000
		PHI-C	.000		

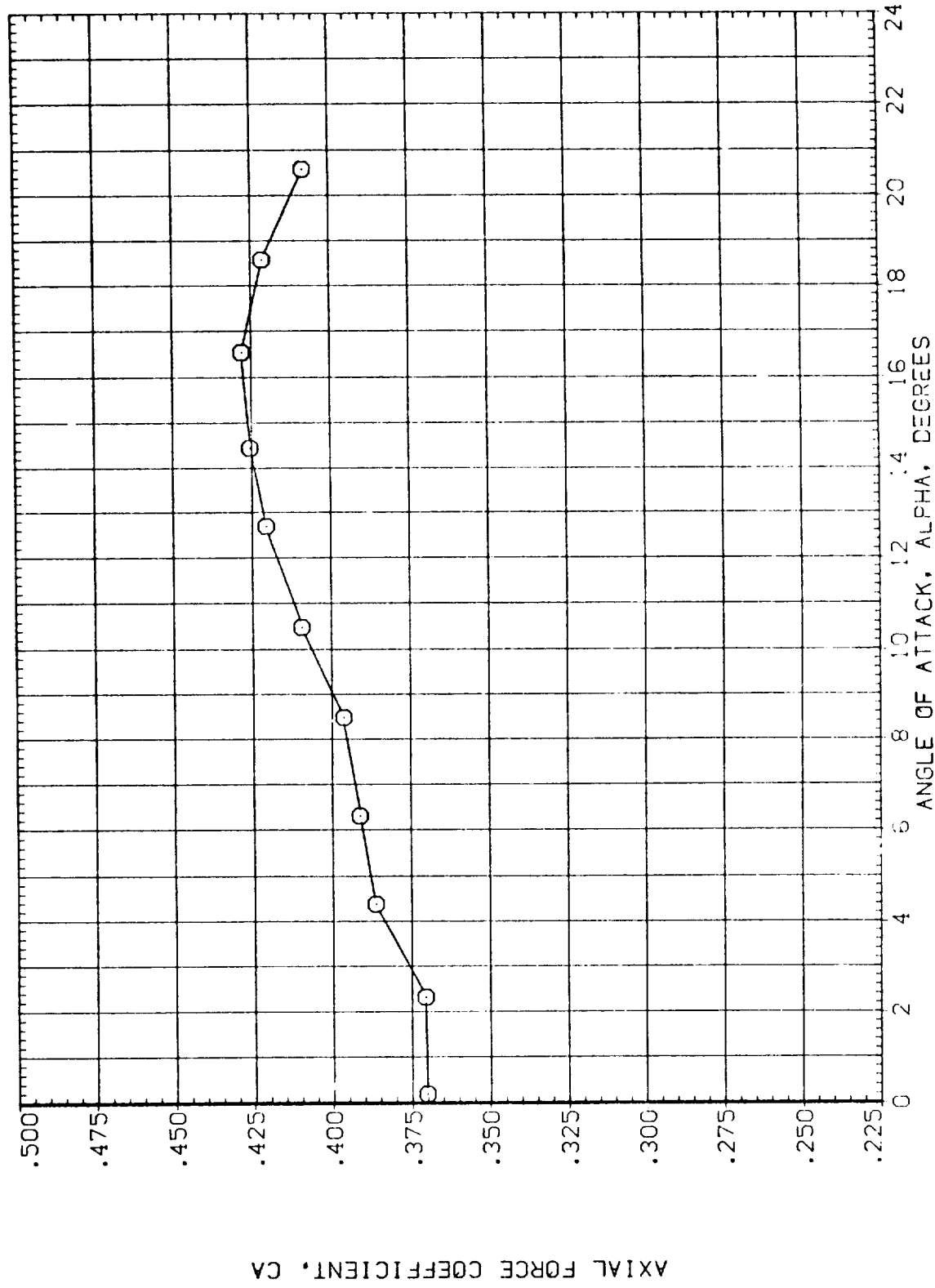


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



(0EZ206)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.763	BETA	.000	
O	CA	D1	.000	D3	.000	
		D2	.000	D4	.000	
		D1-3	.000	D2-4	.000	
		PHI-C	.000			

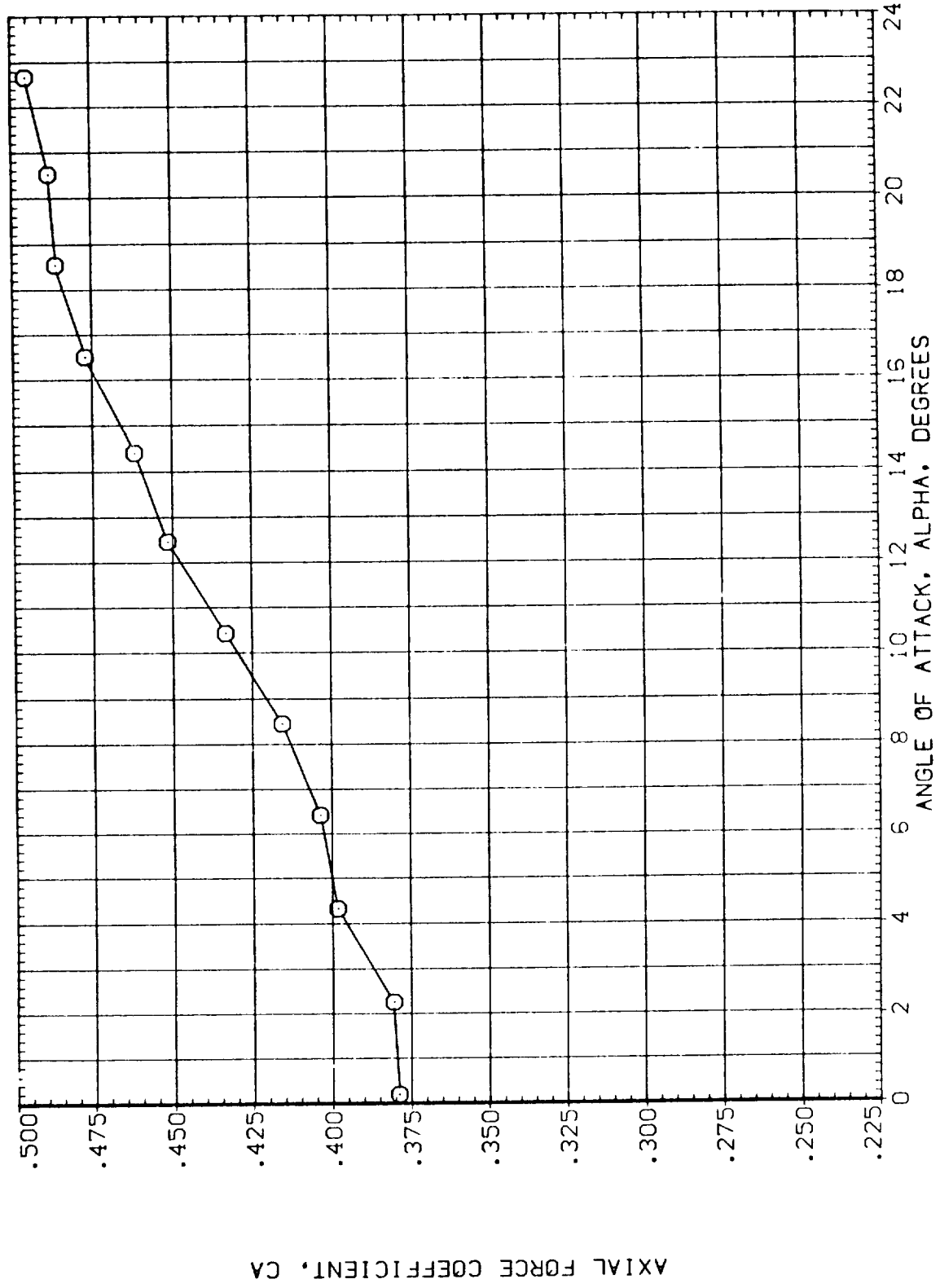


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CY	CYB	MACH	.801	BETA	D3	D4
○			D1	.000	.000	.000	.000
□			D2	.000	.000	.000	.000
			D1-3	.000	.000	D2-4	.000
			PHI-C	.000			

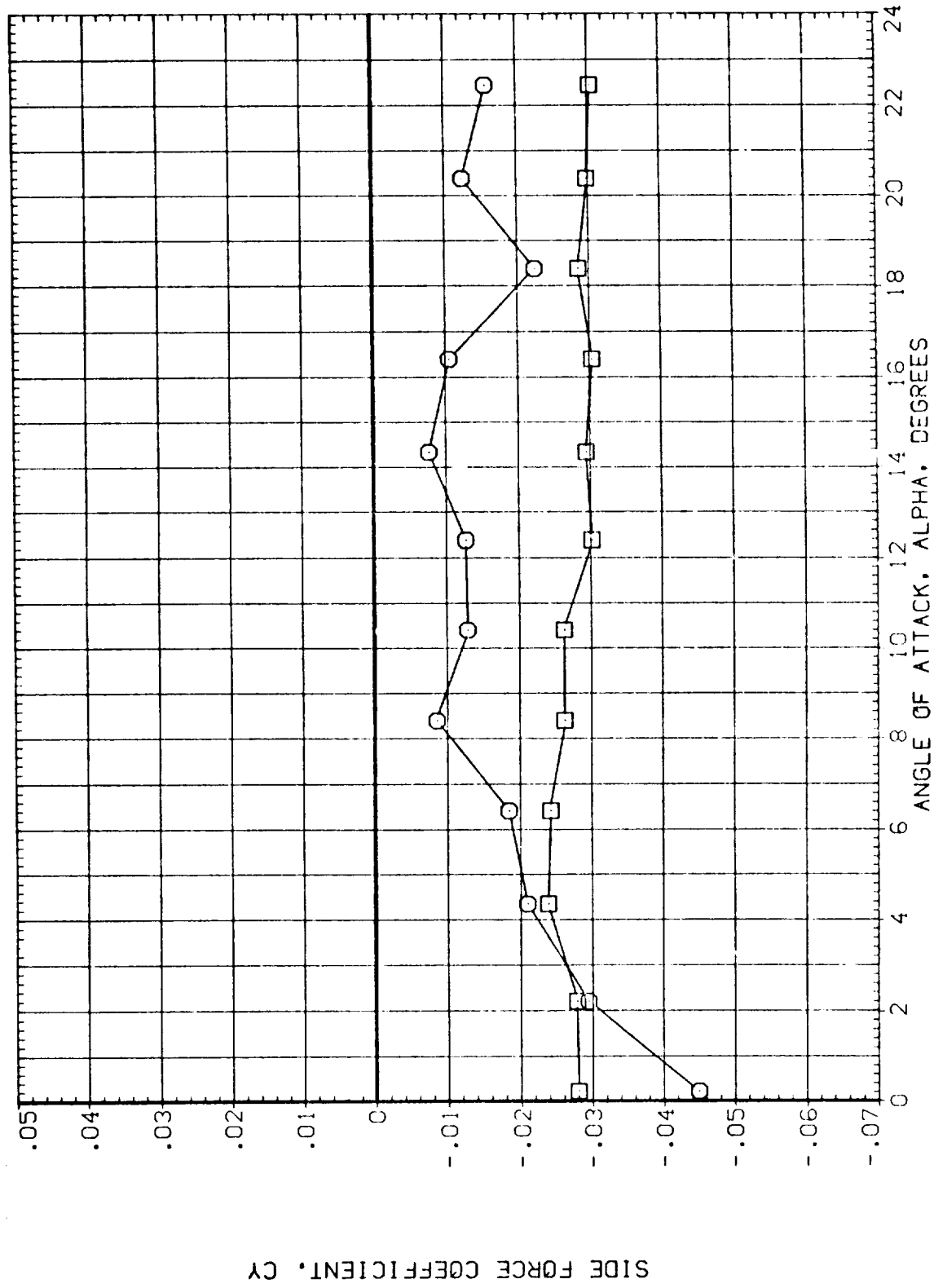


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ206)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.313	BETA	.000	
○	CY	D1	.000	D3	.000	
□	CY8	D2	.000	D4	.000	
		D1-3	.000	D2-4	.000	
		PHI-C	.000			

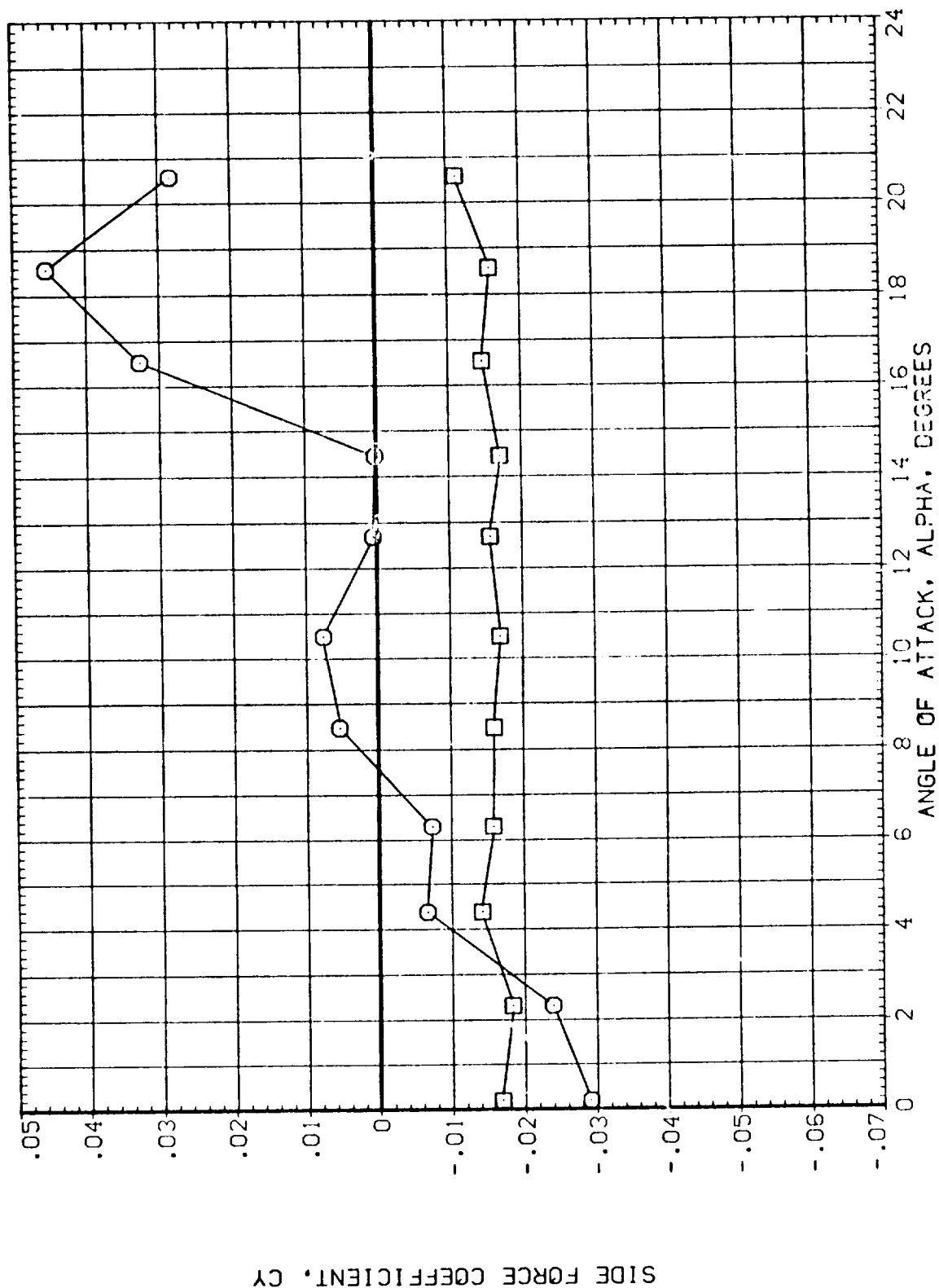


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CY	CYB	MACH	BETA	D3	D4
□			1.763	.000	.000	.000
○			D1	D2	D1-3	D2-4
					PHI-C	

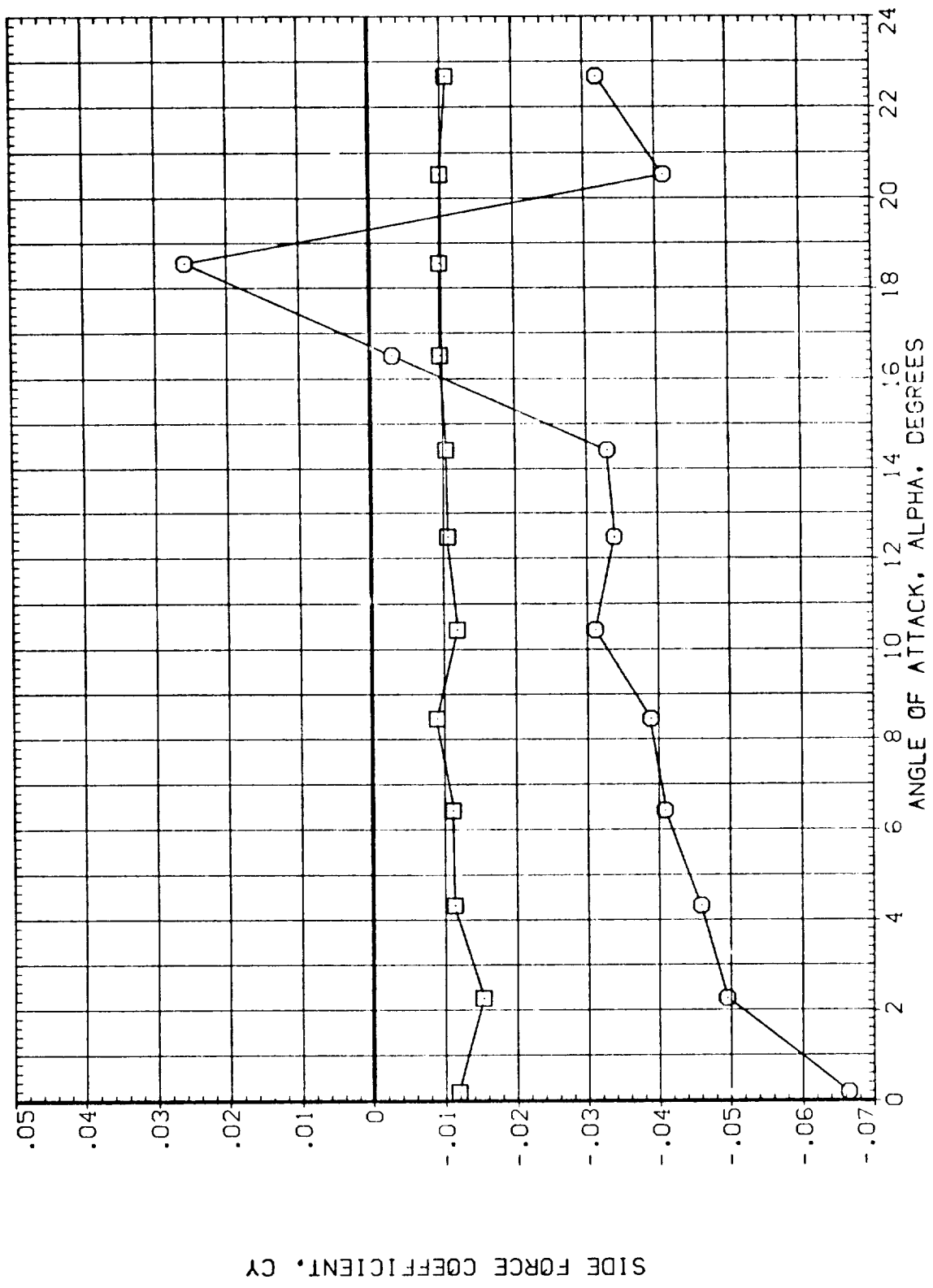


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ206)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	BETA	D1	D2	D1-3	PHI-C
○	CYM	.801	.000	.000	.000	.000	.000
□	CYMB	.000	.000	.000	.000	.000	.000

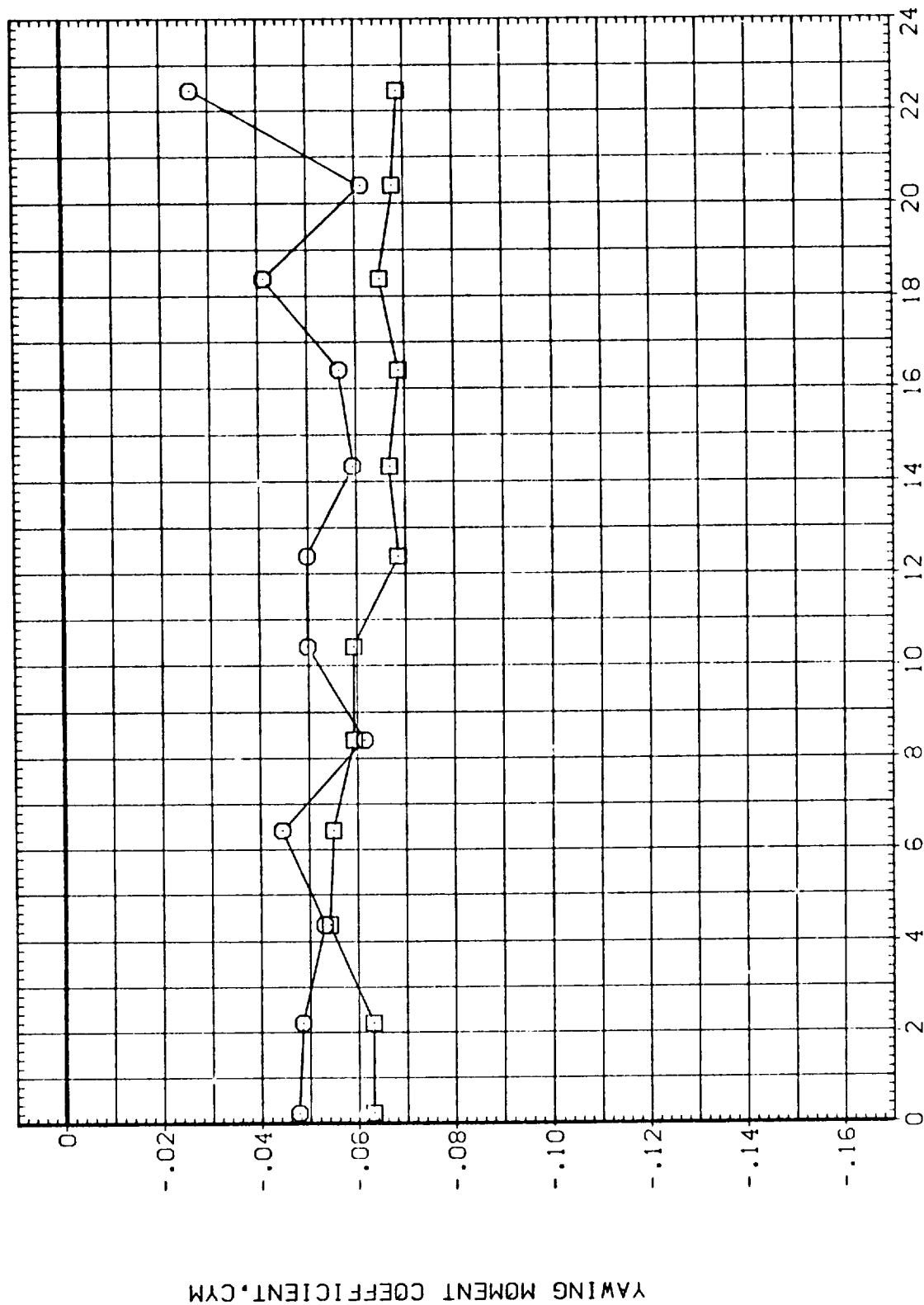


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
○	CYM	D1	1.313	BETA .000
□	CYMB	D2	.000	D3 .000
		D1-3	.000	D4 .000
		PHI-C	.000	D2-4 .000

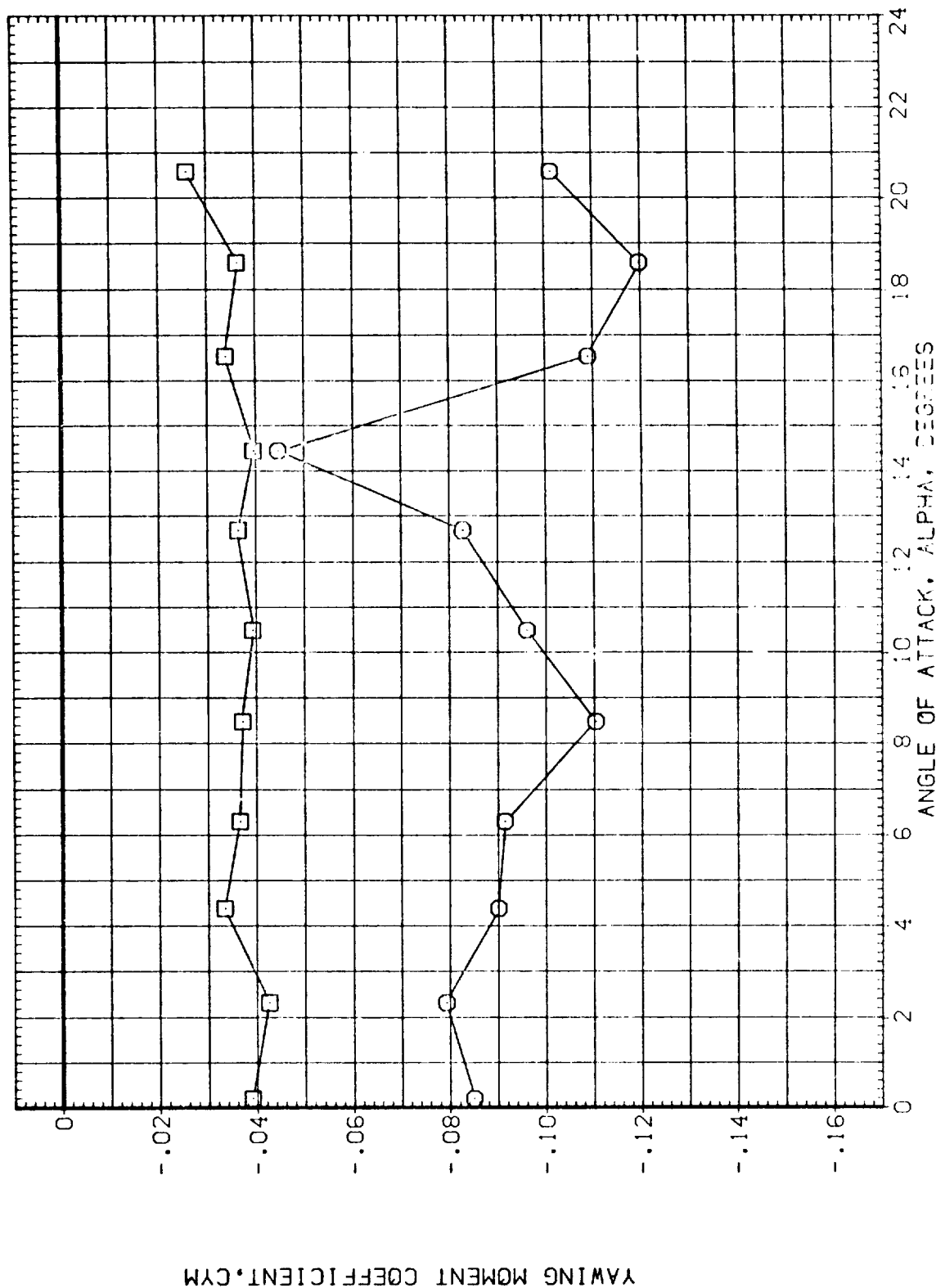


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ206)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D1	D2	D3
○	CYM	1.763	.000	.000	.000	.000
□	CYB	D1-3	D2-4	.000	.000	.000
		PHI-C				

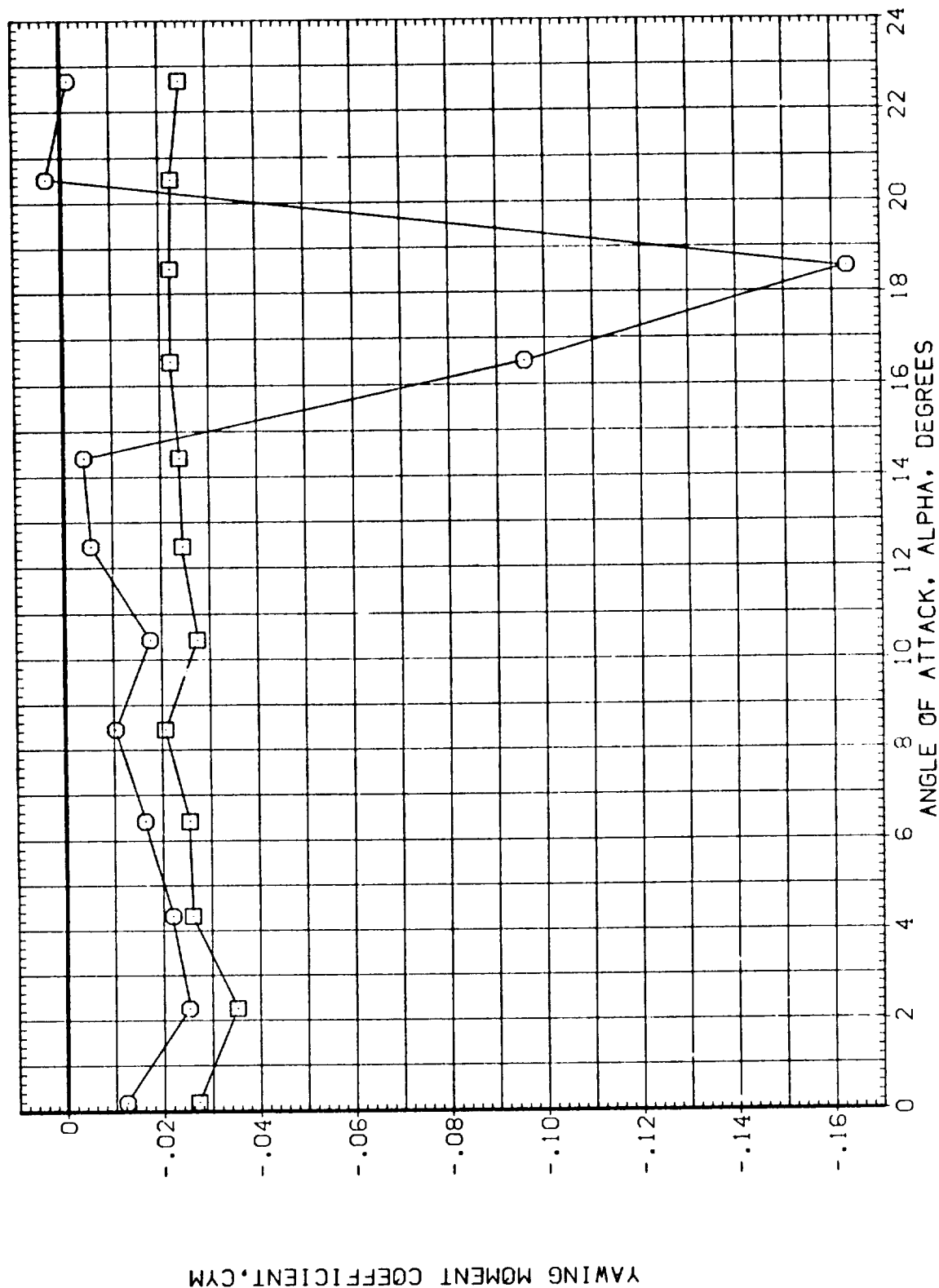


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	.801	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRMB	D2	.000	D4	.000		
		D1-3	.000	D2-4	.000		
		PHI-C	.000				

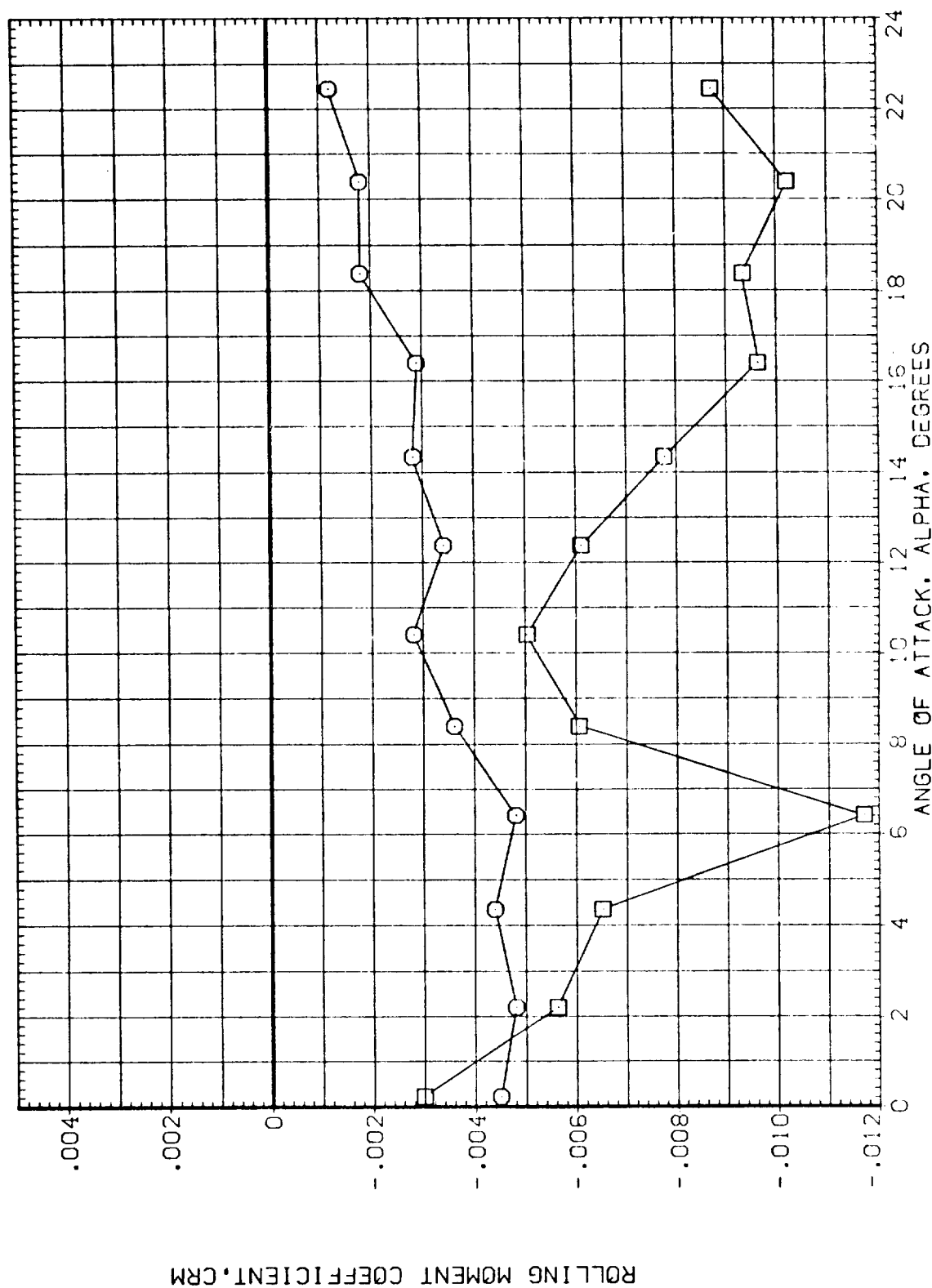


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



(CEZ206)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.313	BETA	.000	
○	CRM	D1	.000	D3	.000	
□	CRMB	D2	.000	D4	.000	
		D1-3	.000	D2-4	.000	
		PHI-C	.000			

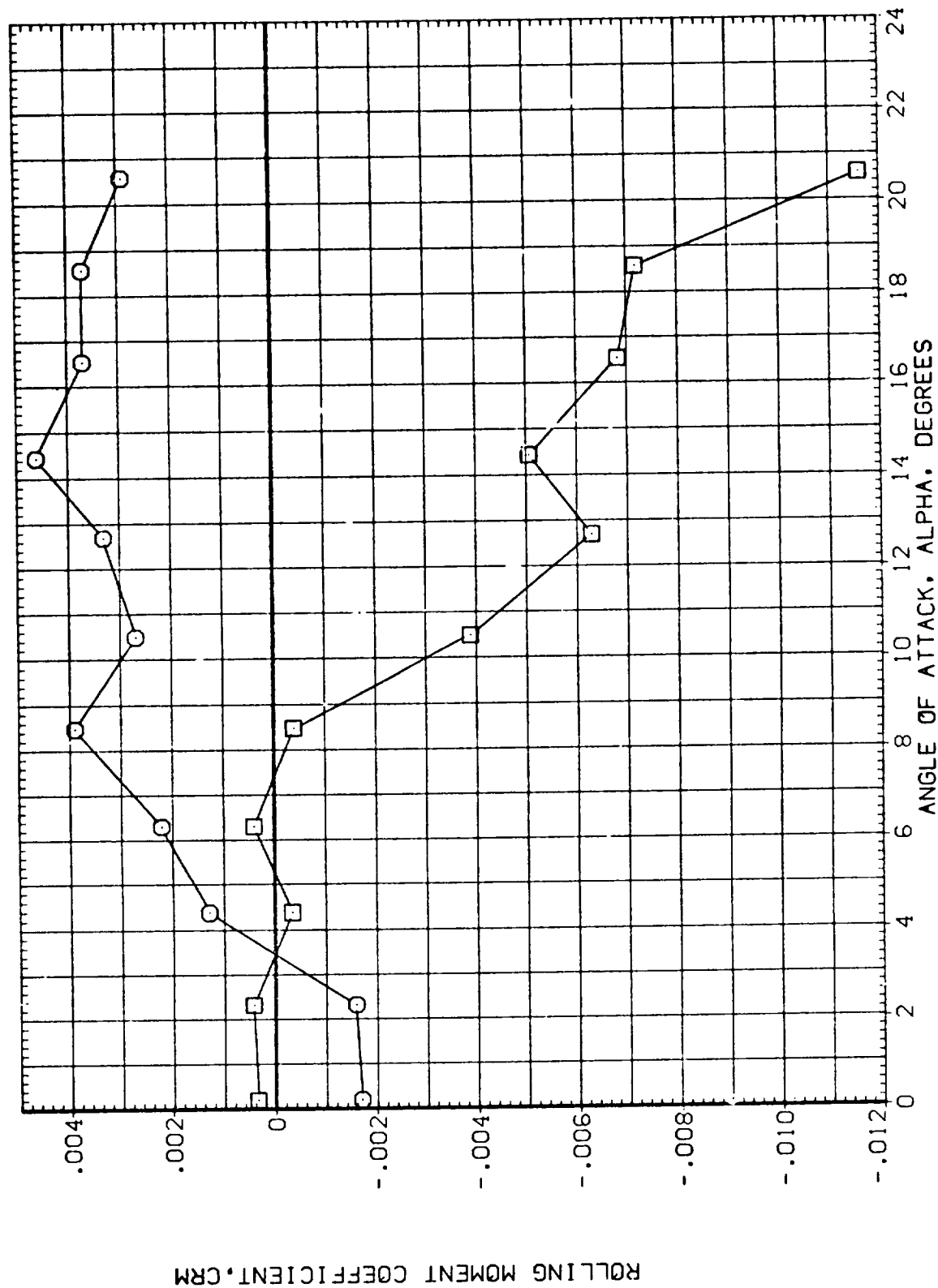


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	BETA	D1	D2	D1-3	PHI-C
○	CRM	1.763	.000	.000	.000	.000	.000
□	CRMB	.000	.000	.000	.000	.000	.000

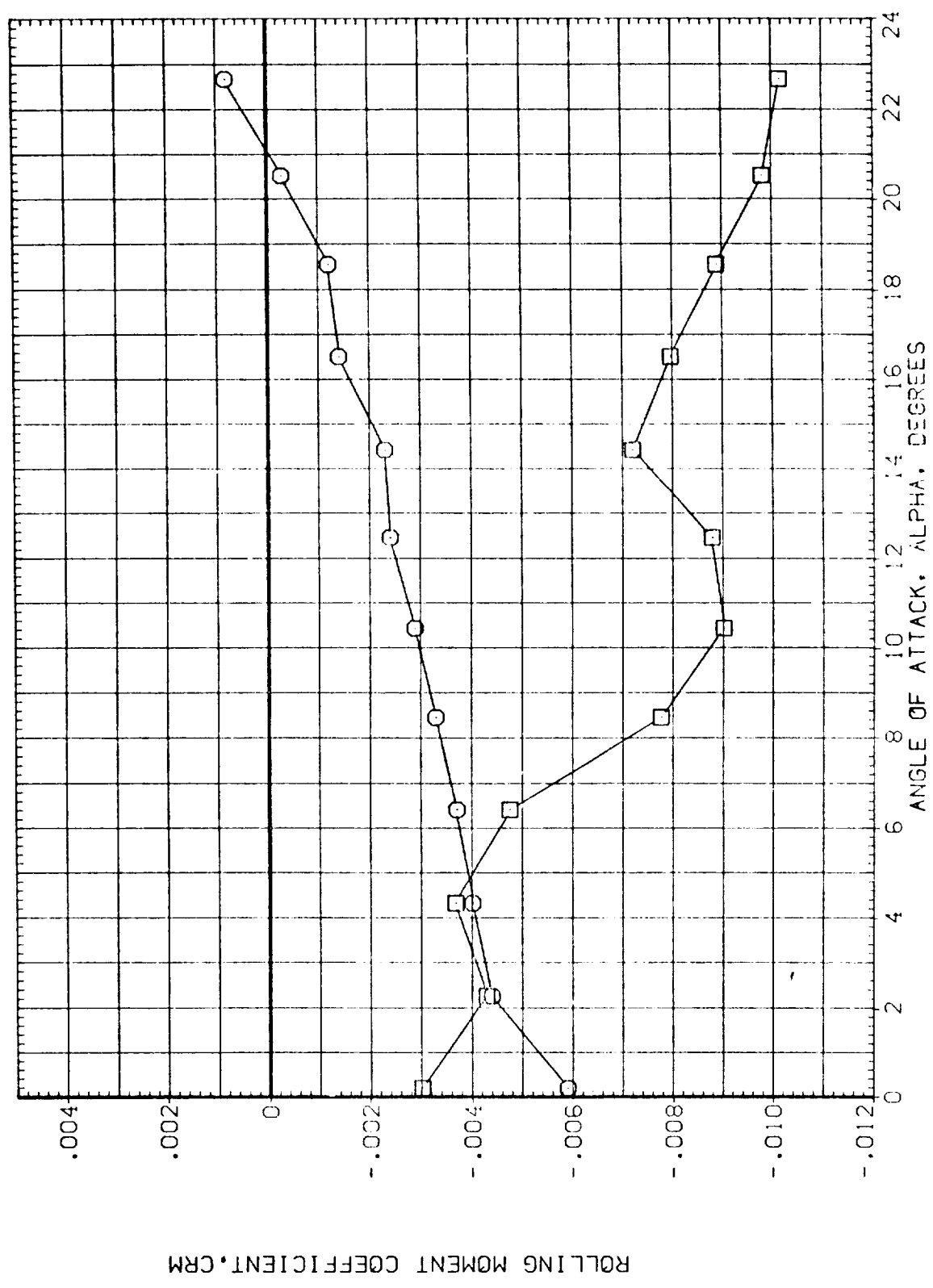


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ205)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	BETA	D1	D2	D3	D4
○	CN	.802	.000	.000	.000	.000	.000
□	CNB	D1	D2	D3	D4	D5	D6
		D1-3	D1-4	D2-4	D2-5	D3-5	D3-6
		PHI-C					

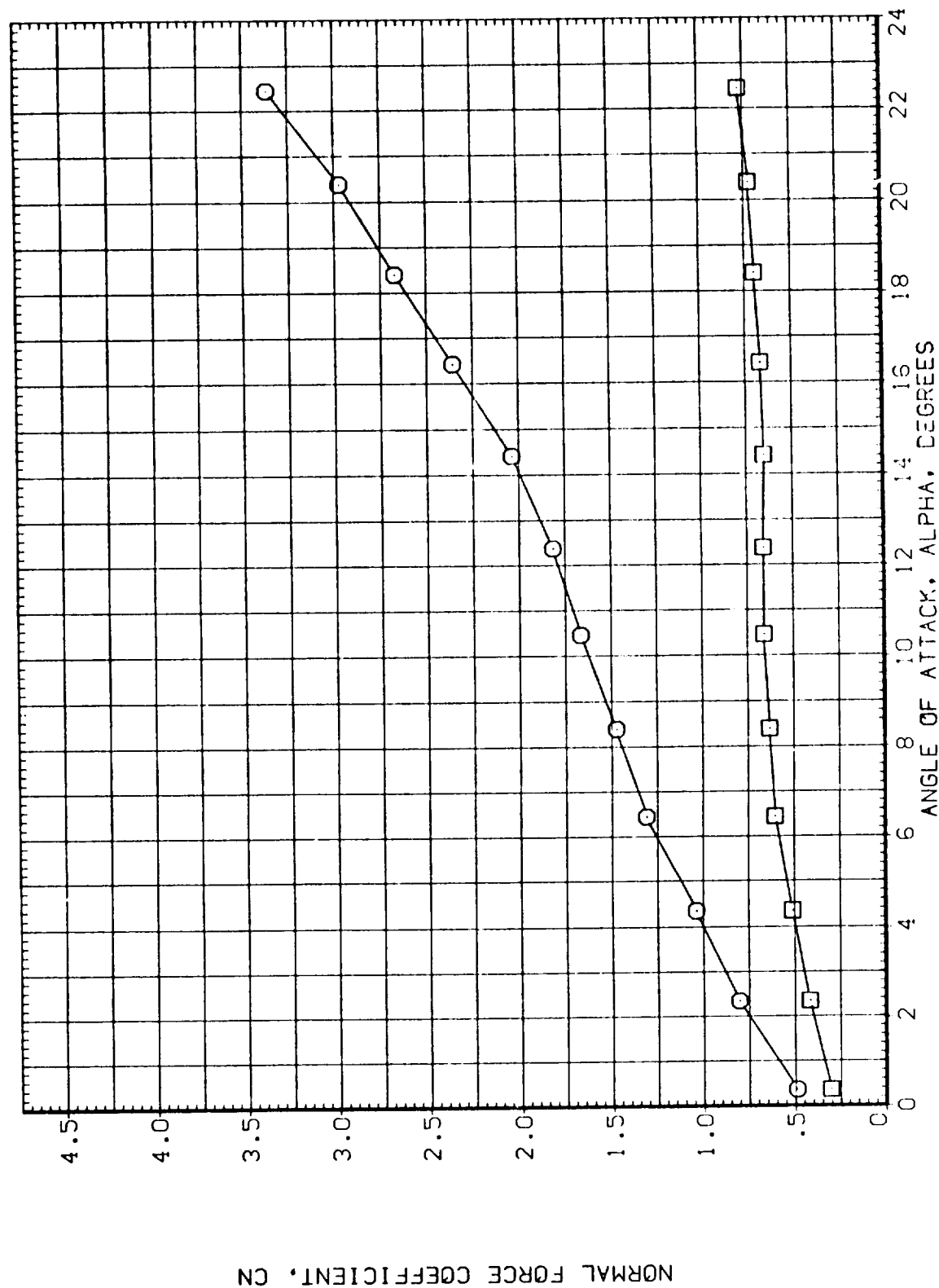


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.313	BETA	.000		
○	CN	D1	.000	D3	.000		
□	CNB	D2	5.000	D4	5.000		
		D1-3	.000	D2-4	5.000		
		PHI-C	.000				

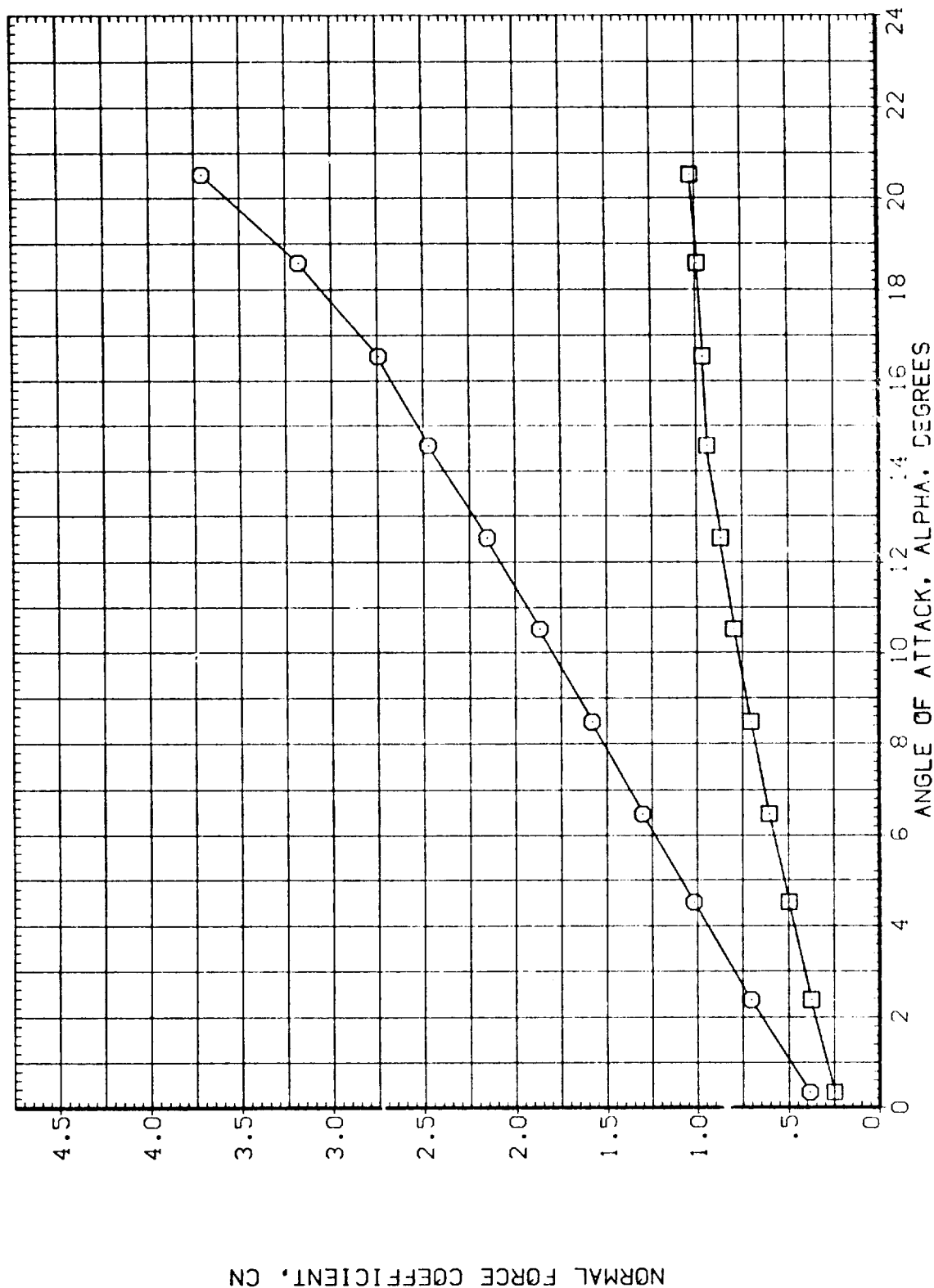


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ205)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D3	D4	
○	CN	D1	1.762	.000	.000	
□	CNB	D2	.000	.000	5.000	
		D1-3	5.000	D2-4	5.000	
		PHI-C	.000			

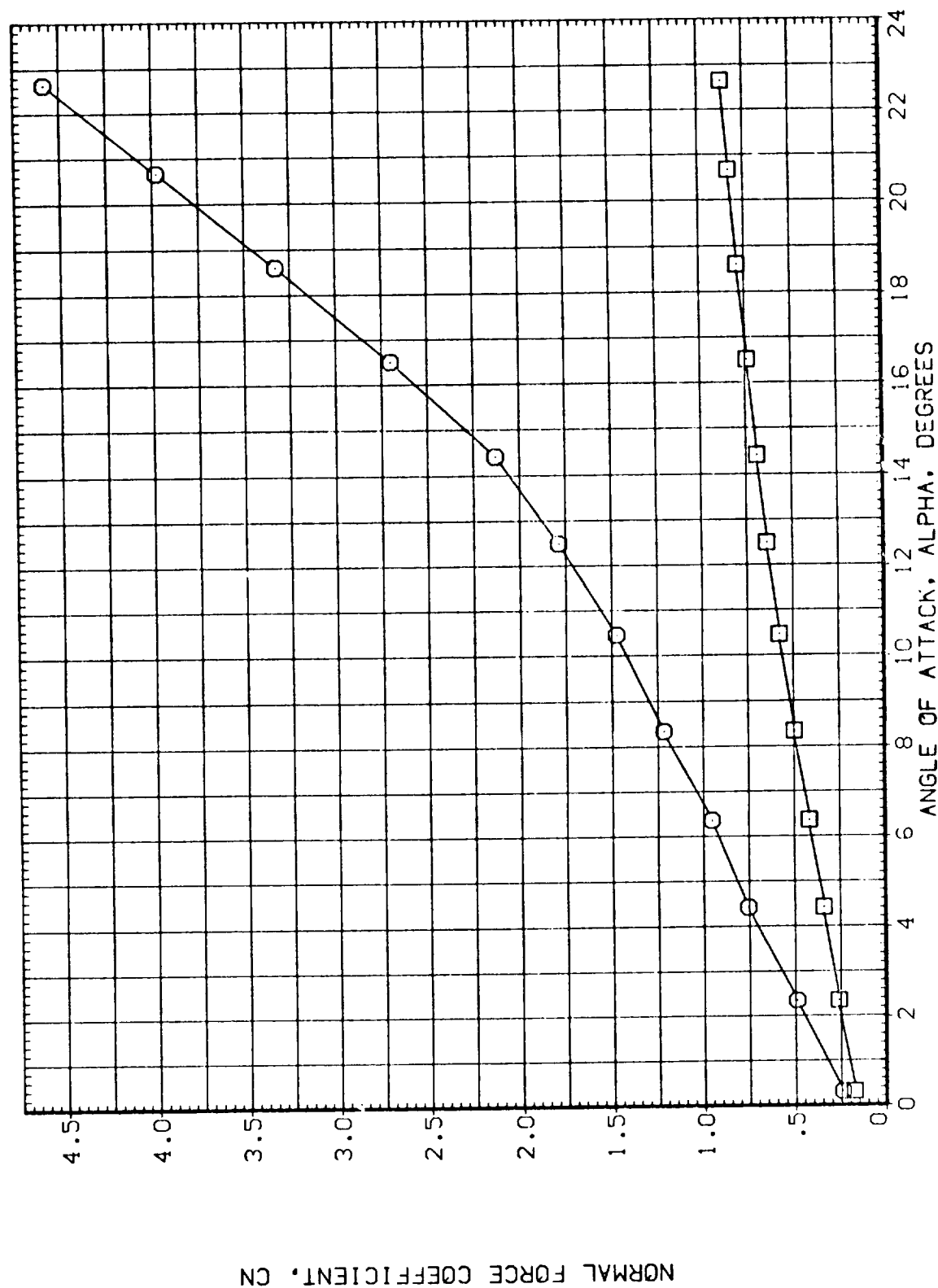


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CM	MACH	BETA	D3	D4	D2-4
○	CMB	D1	.802	.000	5.000	.000
□		D2		5.000	5.000	.000
		D1-3		.000		.000
		PHI-C				.000

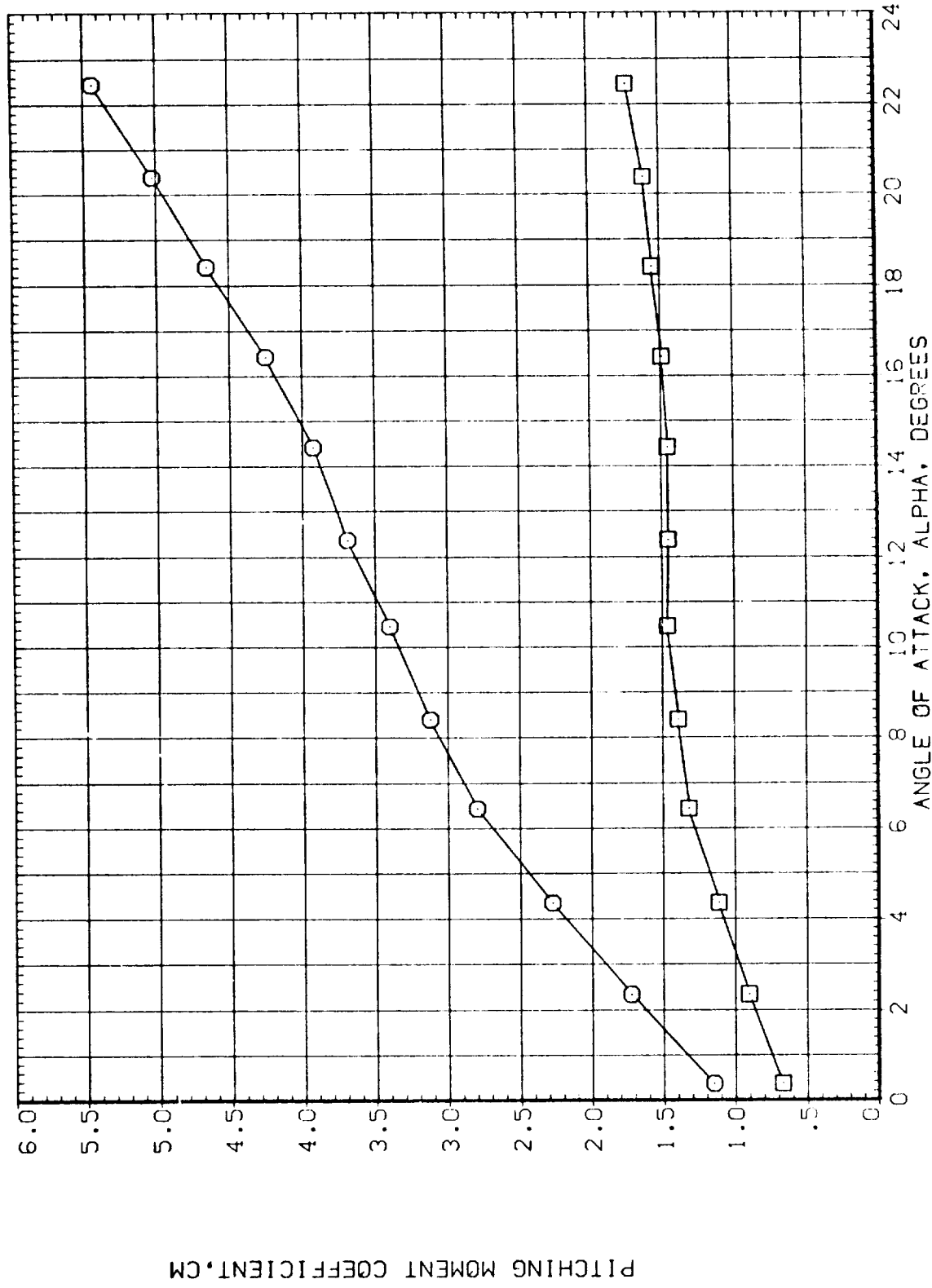


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(CEZ205)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.313	BETA	.000	
CM		D1	.000	D3	.000	
CMB		D2	5.000	D4	5.000	
		D1-3	.000	D2-4	5.000	
		PHI-C	.000			

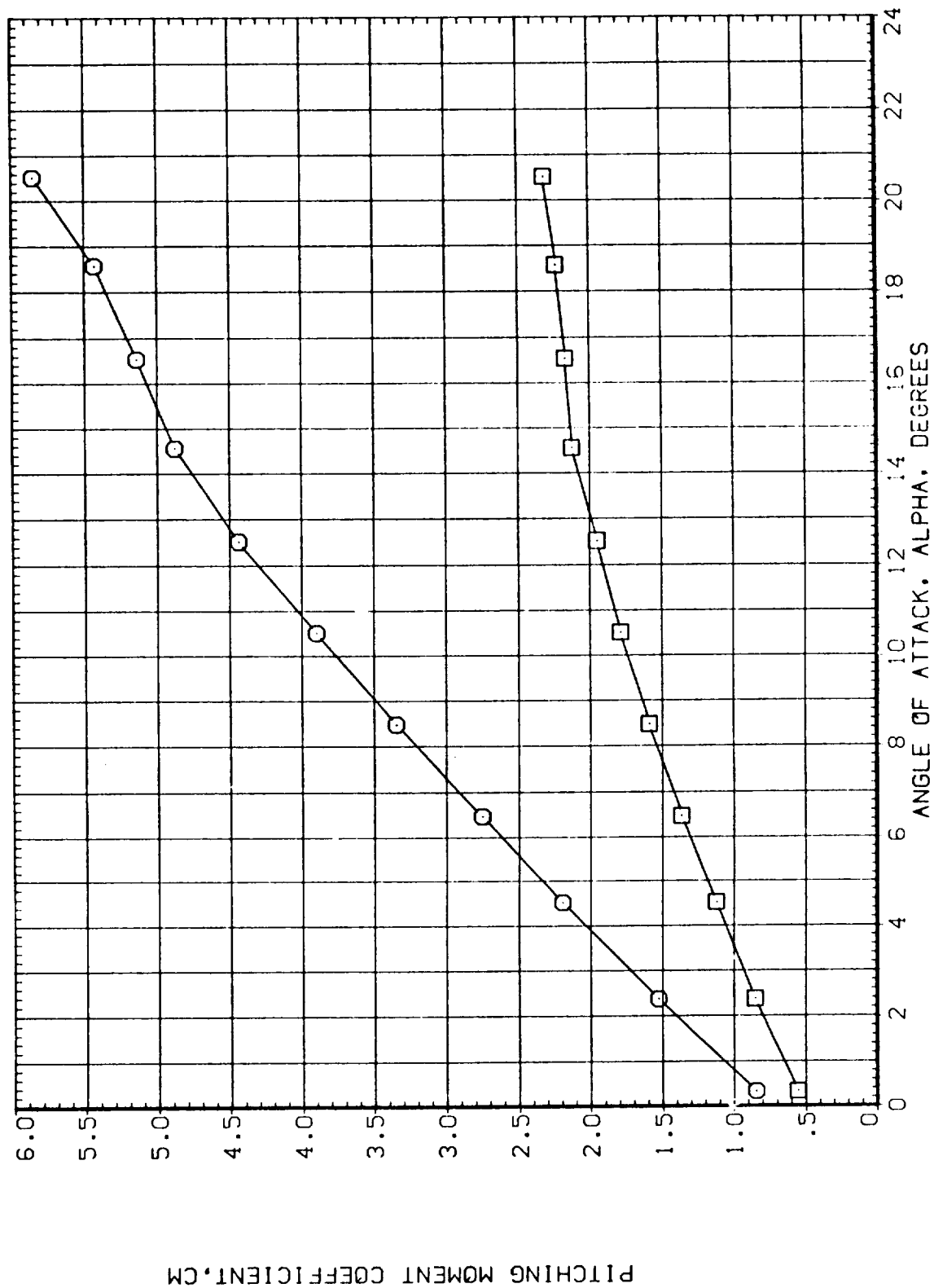


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.762	BETA	.000		
CM		D1	.000	D3	.000		
ChB		D2	5.000	D4	5.000		
		D1-3	.000	D2-4	5.000		
		PHI-C	.000				

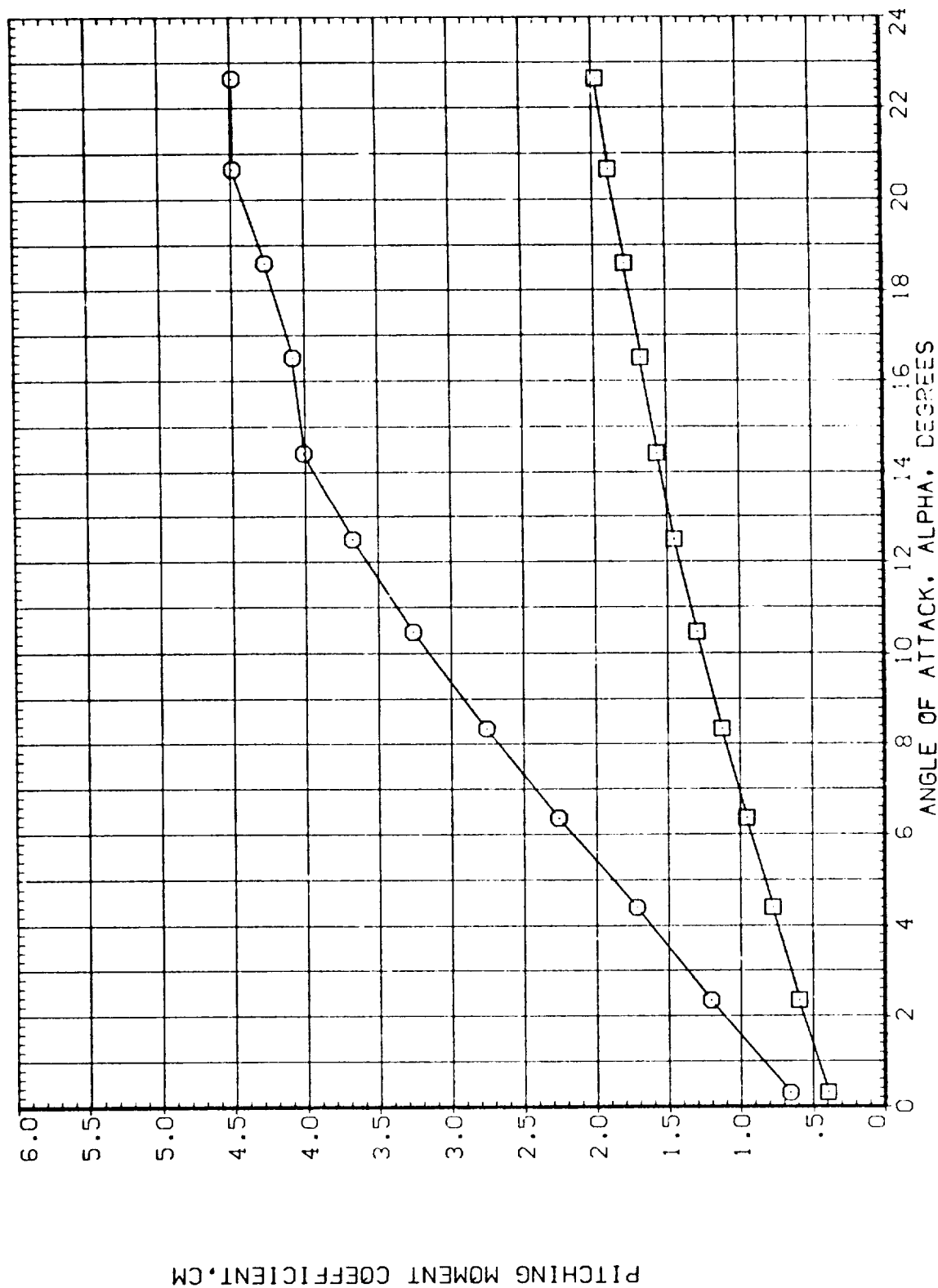


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 11 (BN3C6)

(0EZ205)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
O	CA	D1	.802	BETA .000
		D2	.000	D3 .000
		D1-3	5.000	D4 5.000
		PHI-C	.000	D2-4 5.000

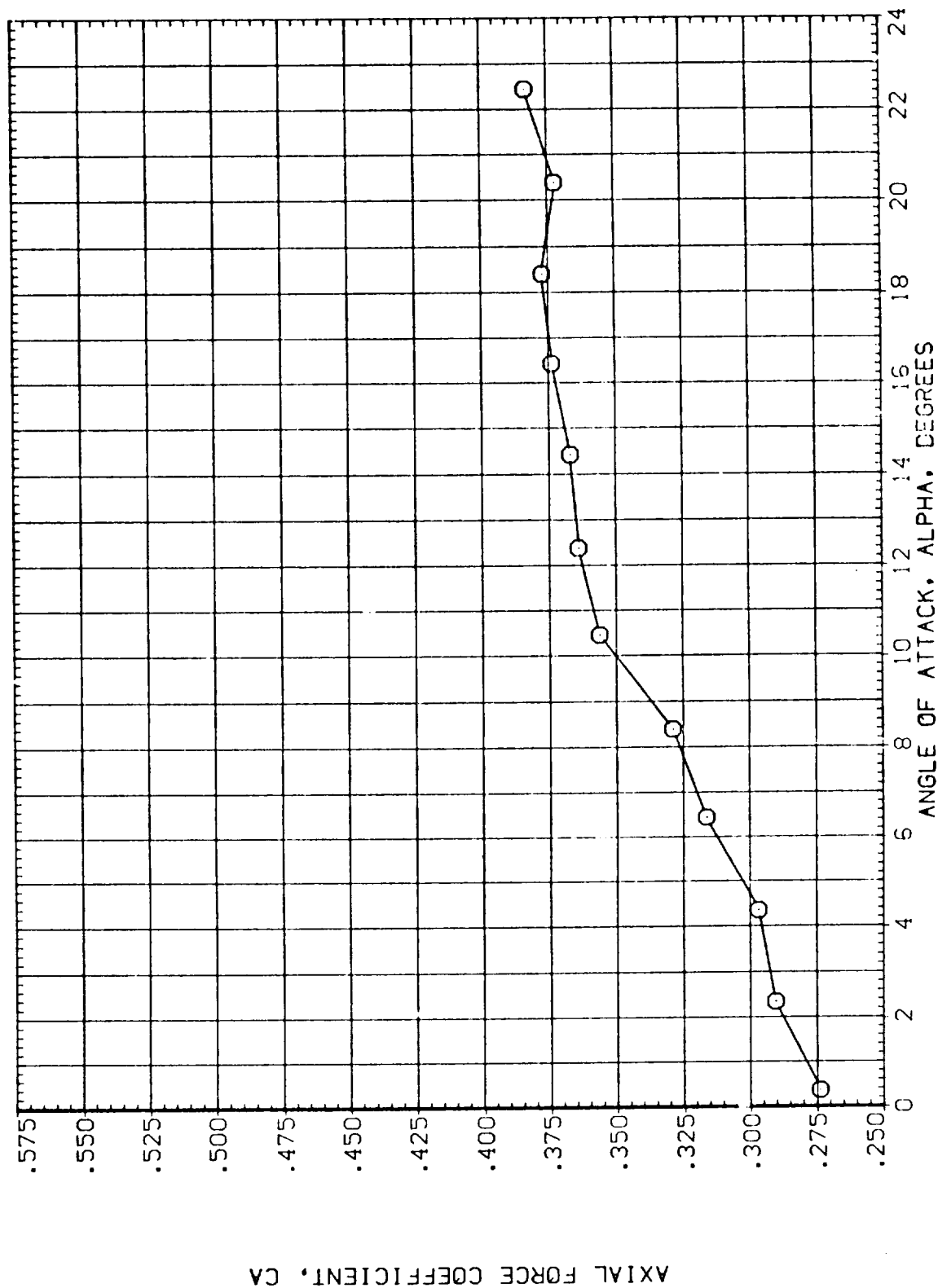


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.313	BETA	.000	.000
	CA	D1	.000	D3	.000	.000
		D2	5.000	D4	5.000	5.000
		D1-3	.000	D2-4	5.000	5.000
		PHI-C	.000			

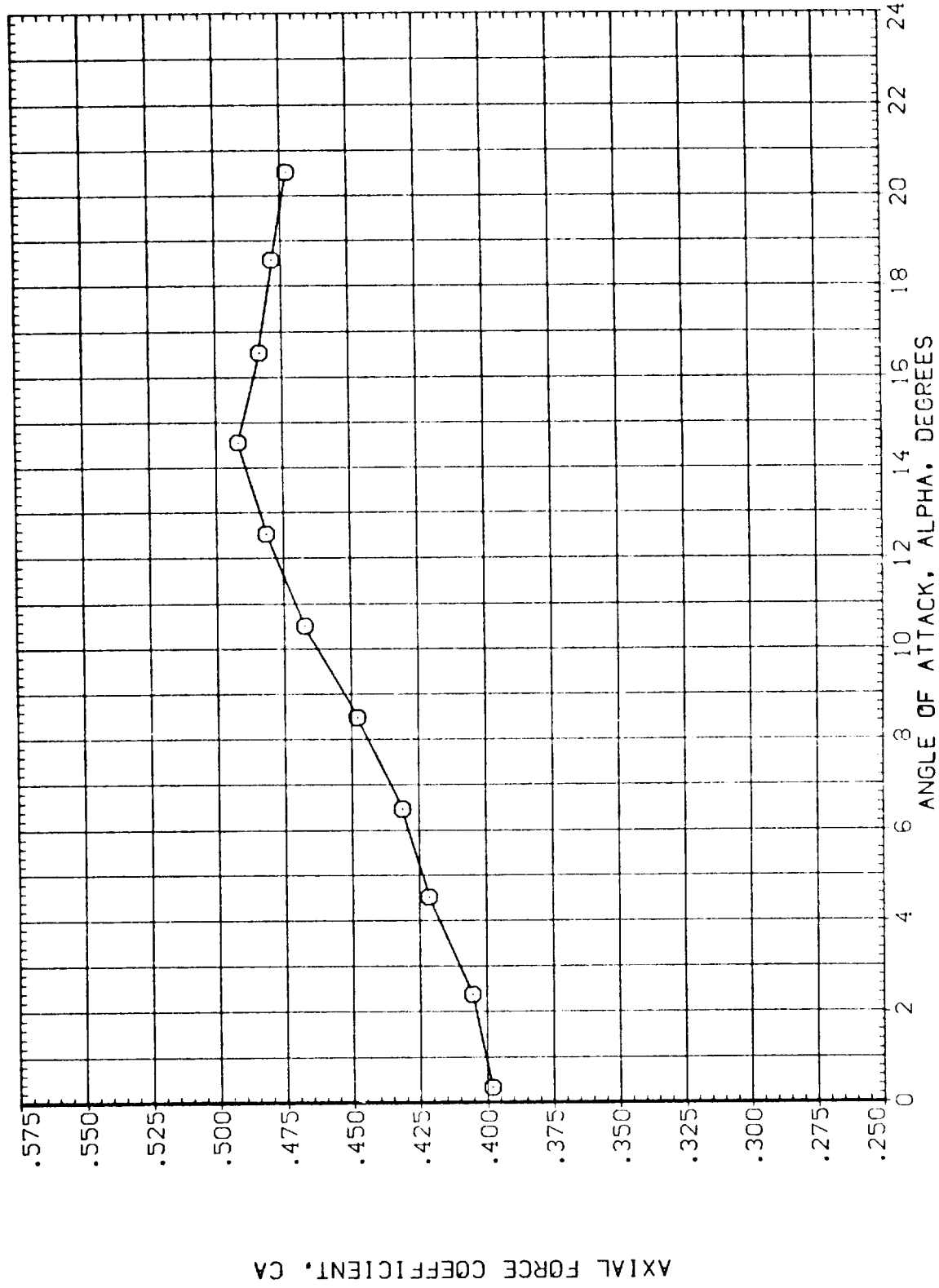


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ205)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D3	D4	D2-4
O	CA	1.762	.000	.000	.000	.000
	D1	.000	.000	.000	.000	.000
	D2	5.000	.000	.000	.000	.000
	D1-3	.000	.000	.000	.000	.000
	PHI-C	.000	.000	.000	.000	.000

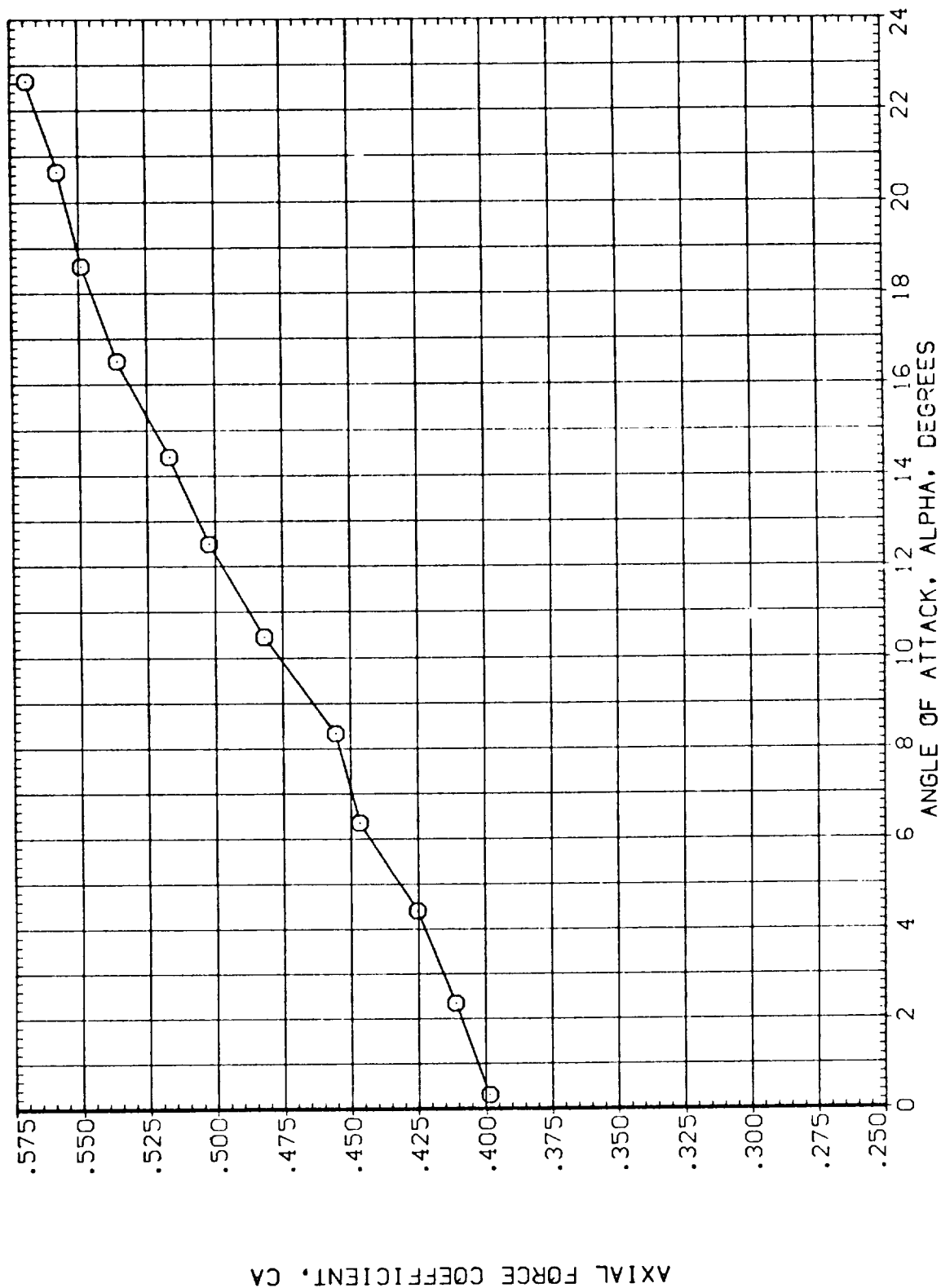


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	.802	BETA	.000		
	CY	D1	.000	D3	.000		
	CVB	D2	5.000	D4	5.000		
		D1-3	.000	D2-4	5.000		
		PHI-C	.000				

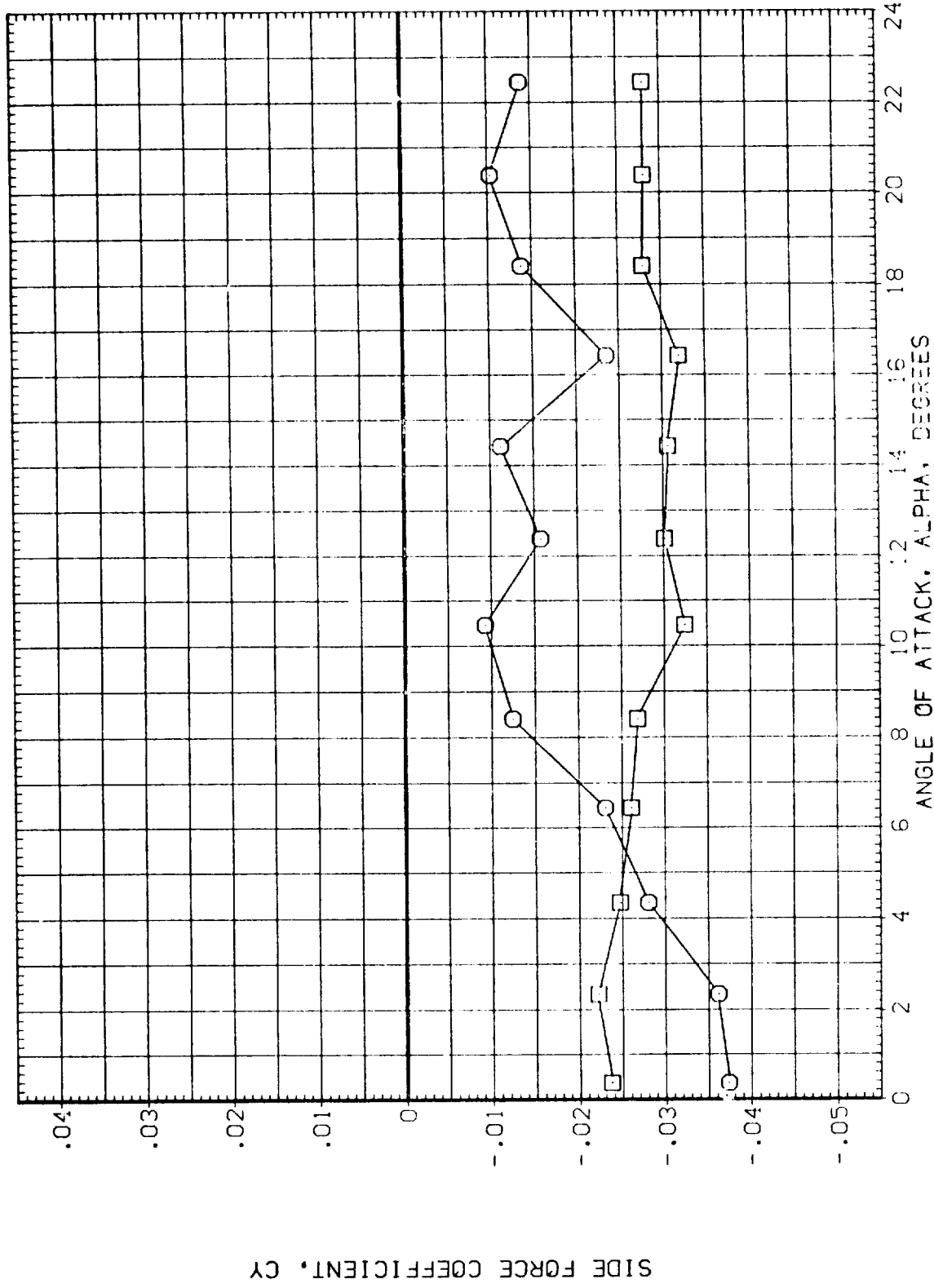


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ205)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.313	BETA	.000	.000	.000
○	CY	D1	.000	D3	.000	.000	.000
□	CYB	D2	5.000	D4	5.000	5.000	5.000
		D1-3	.000	D2-4	.000	.000	.000
		PHI-C	.000				

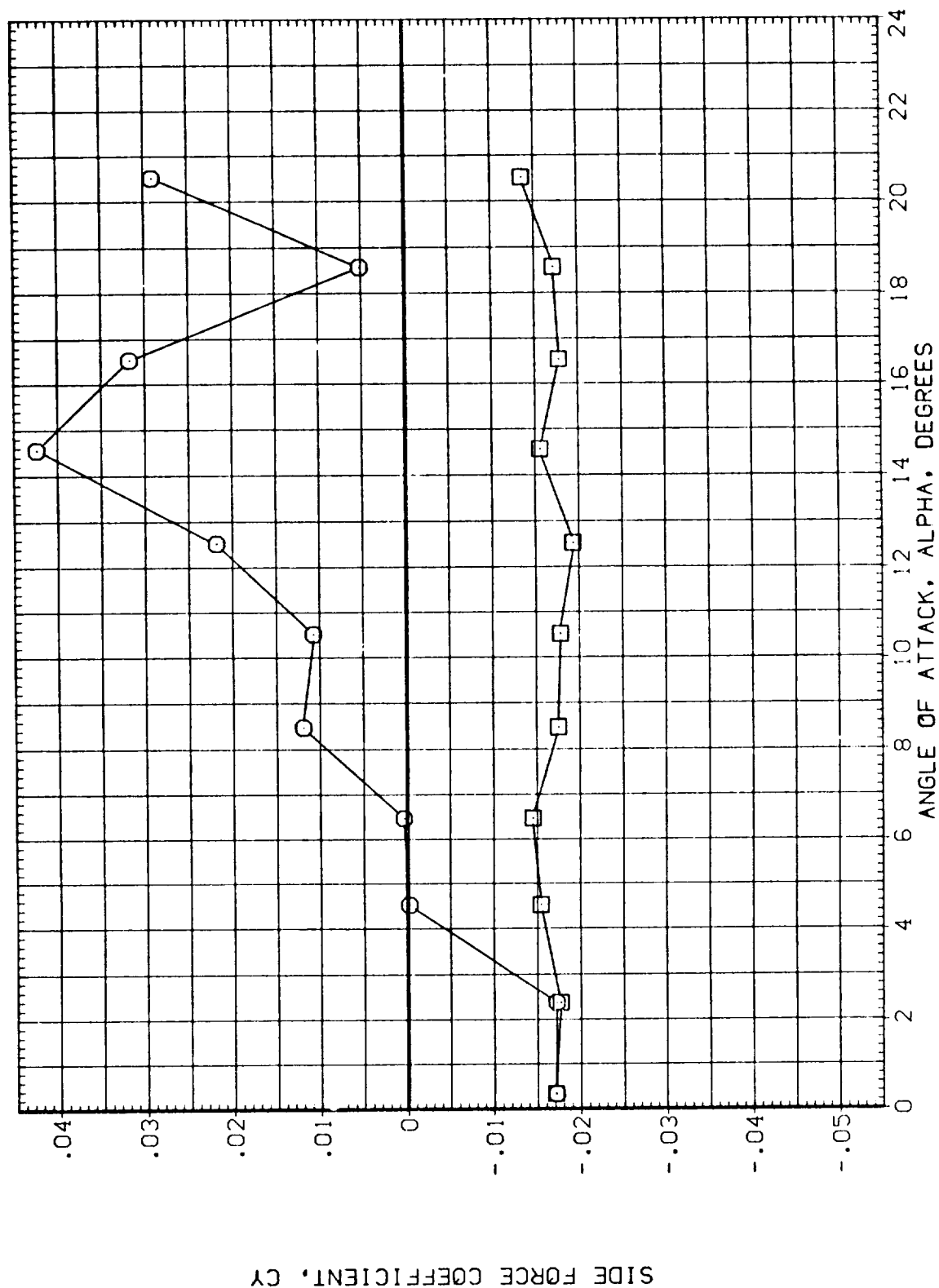


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D1	D2	D3
○	CY	1.762	.000	5.000	5.000	5.000
□	CYB	1.762	.000	5.000	5.000	5.000
		D1-3	D2-4			
		PHI-C				

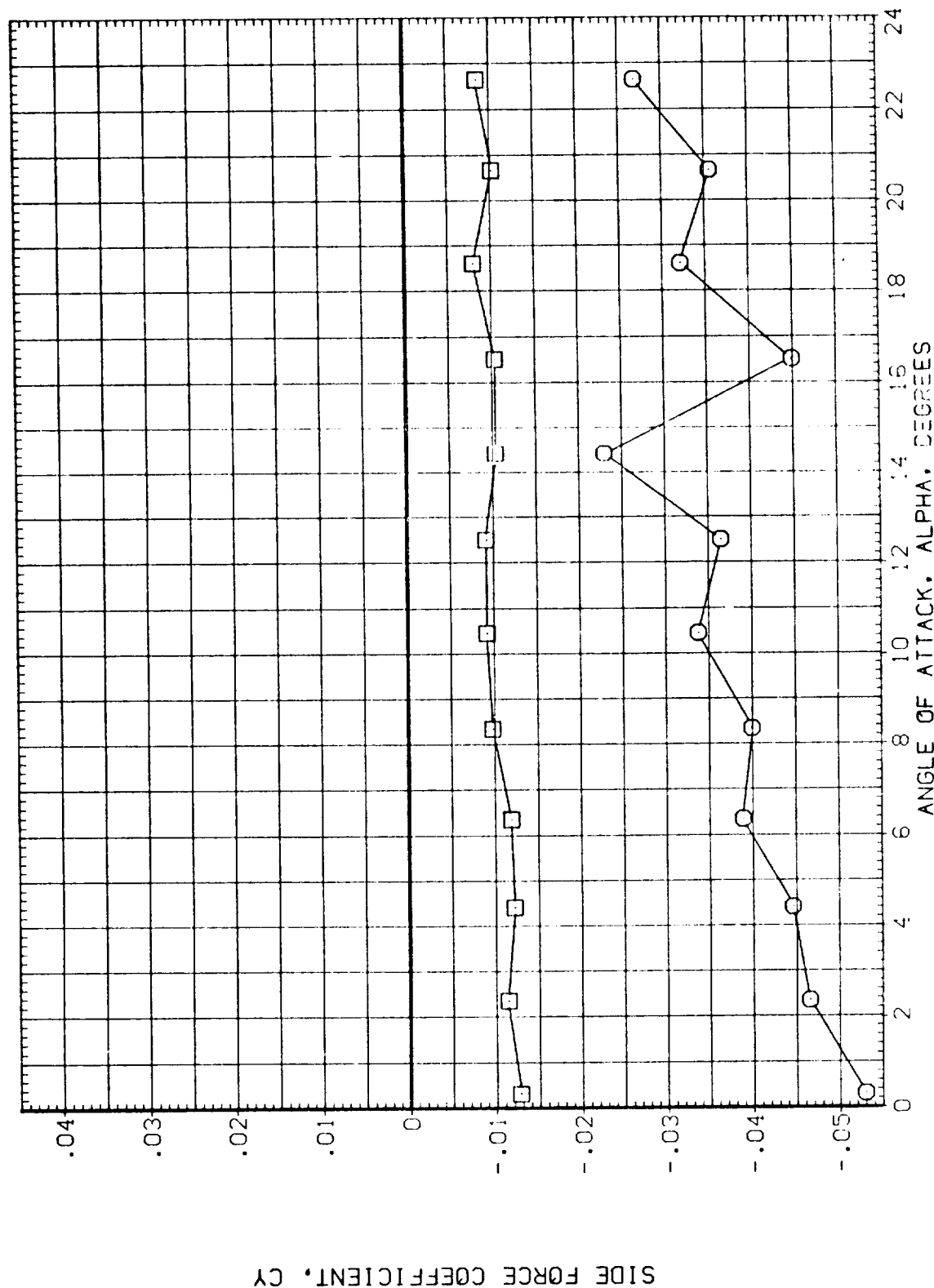


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ205)

CONFIGURATION 11 (BN306)

SYMBOL	DATA		PARAMETRIC VALUES			
	CYM	MACH	.802	BETA	.000	
○		D1	.000	D3	.000	
□		D2	5.000	D4	5.000	
		D1-3	.000	D2-4	5.000	
		PHI-C	.000			

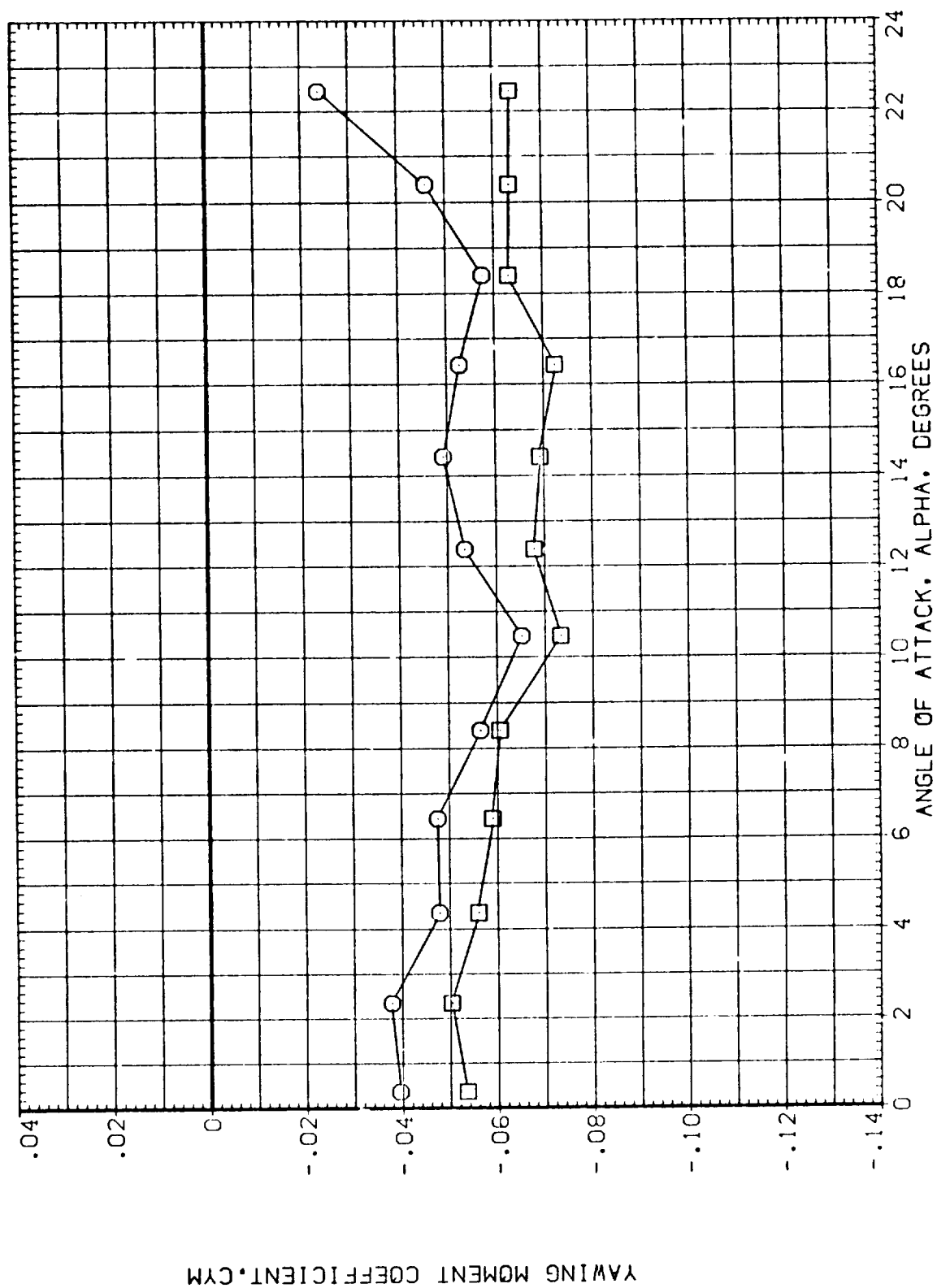


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CYM	MACH	1.313	BETA	.000	
		D1	.000	D3	.000	
		D2	5.000	D4	5.000	
		D1-3	.000	D2-4	5.000	
		PHI-C			.000	

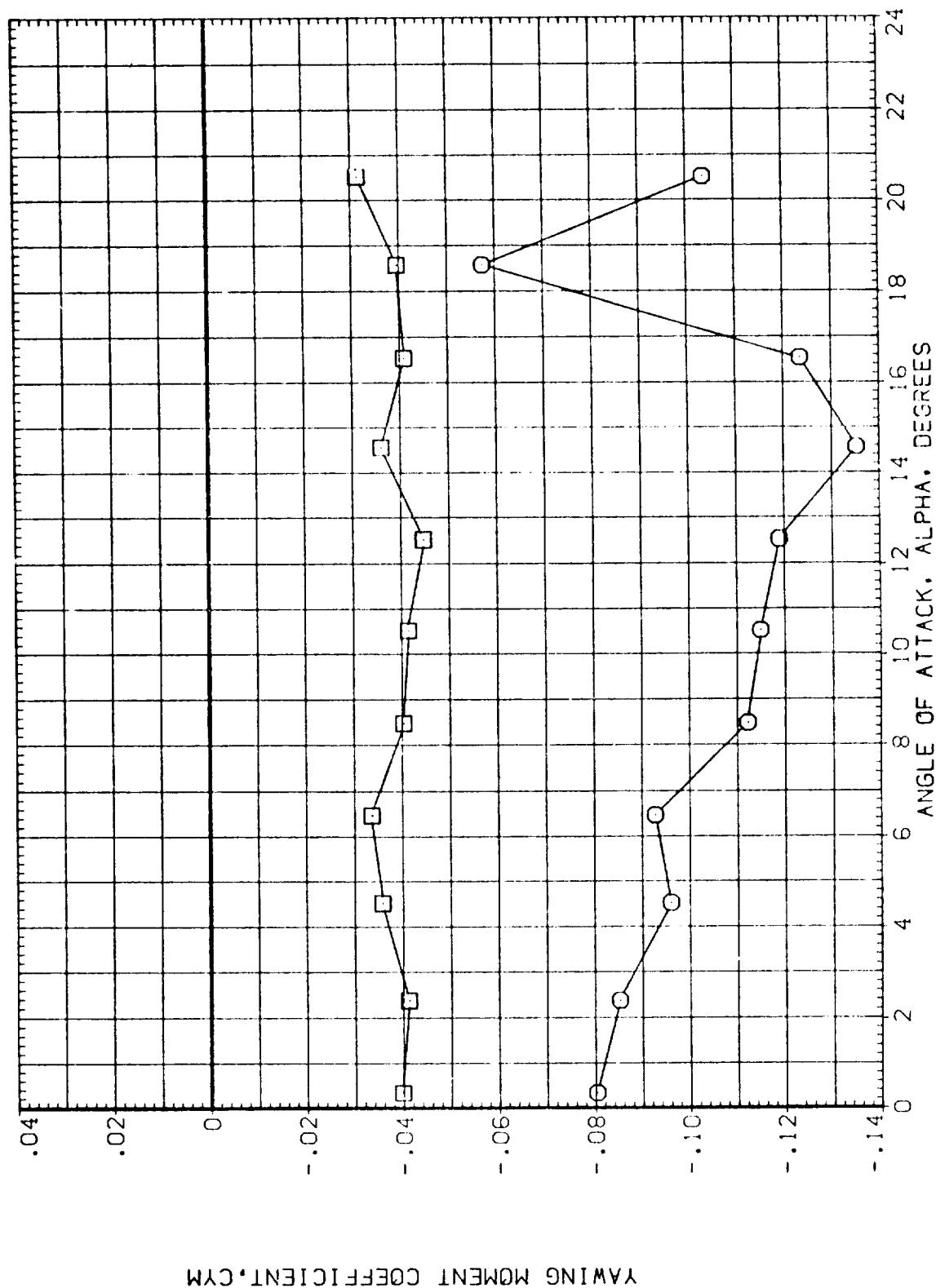


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 11 (BN3C6)

(CEZ205)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
	CYM	D1	1.762	BETA .000
	CYB	D2	.000	D3 .000
		D1-3	5.000	D4 5.000
		PHI-C	.000	D2-4 5.000

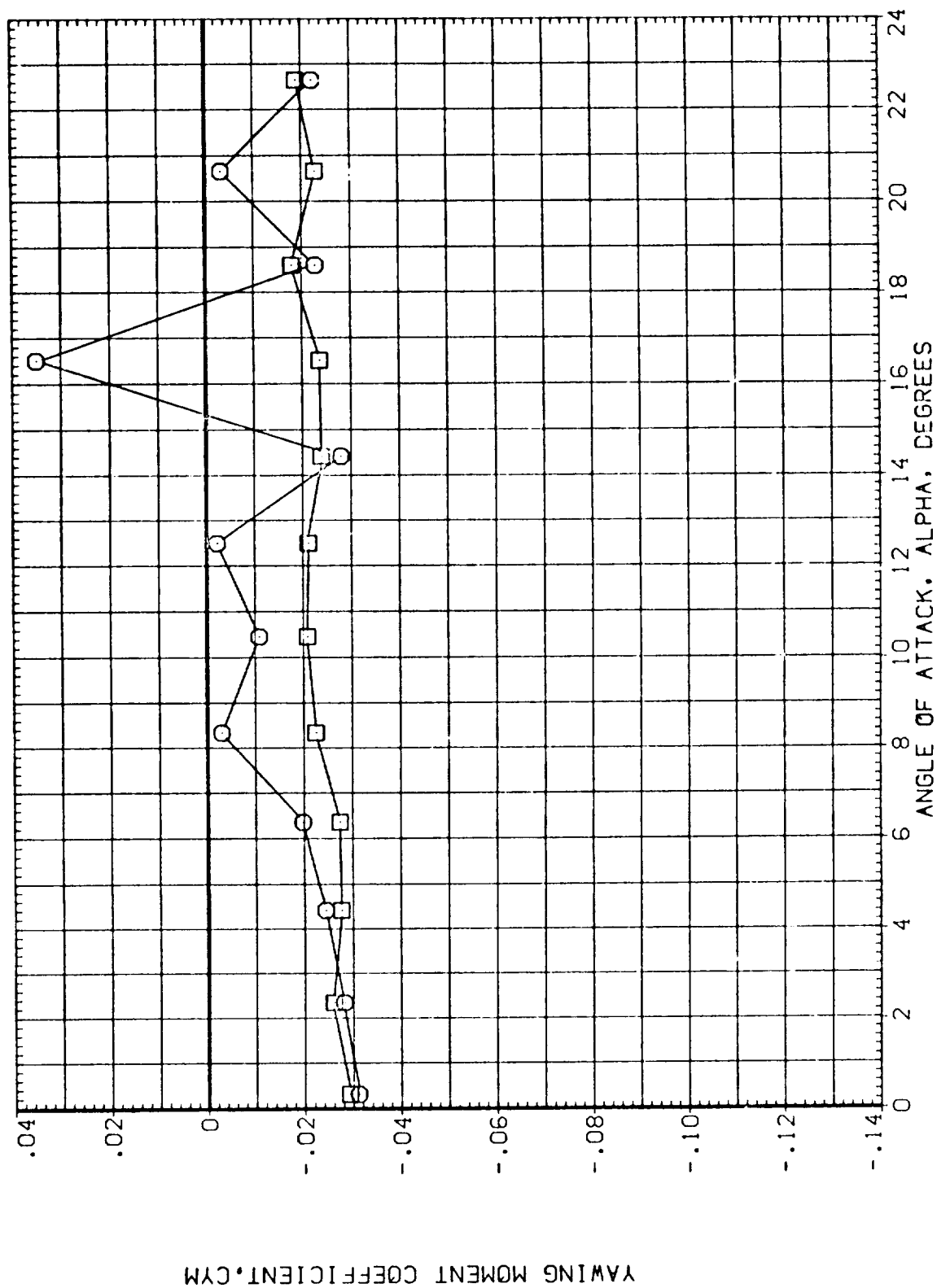


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
			BETA	D3	D4	D2-4
○	CRM	D1	.802	.000	.000	.000
□	CRMB	D2	.000	.000	.000	.000
		D1-3	5.000	.000	.000	.000
		PHI-C	.000	.000	.000	.000

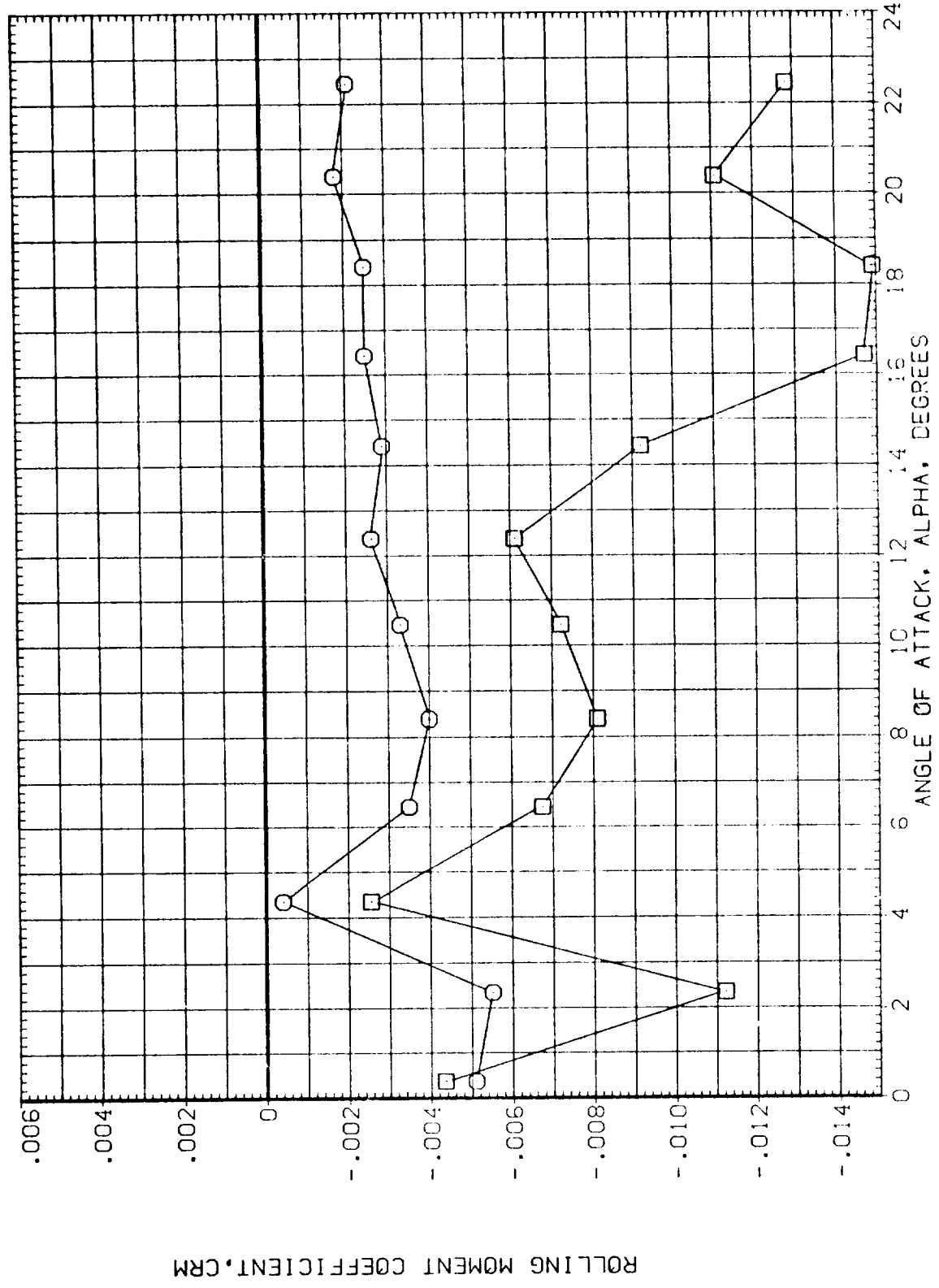


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(CEZ205)

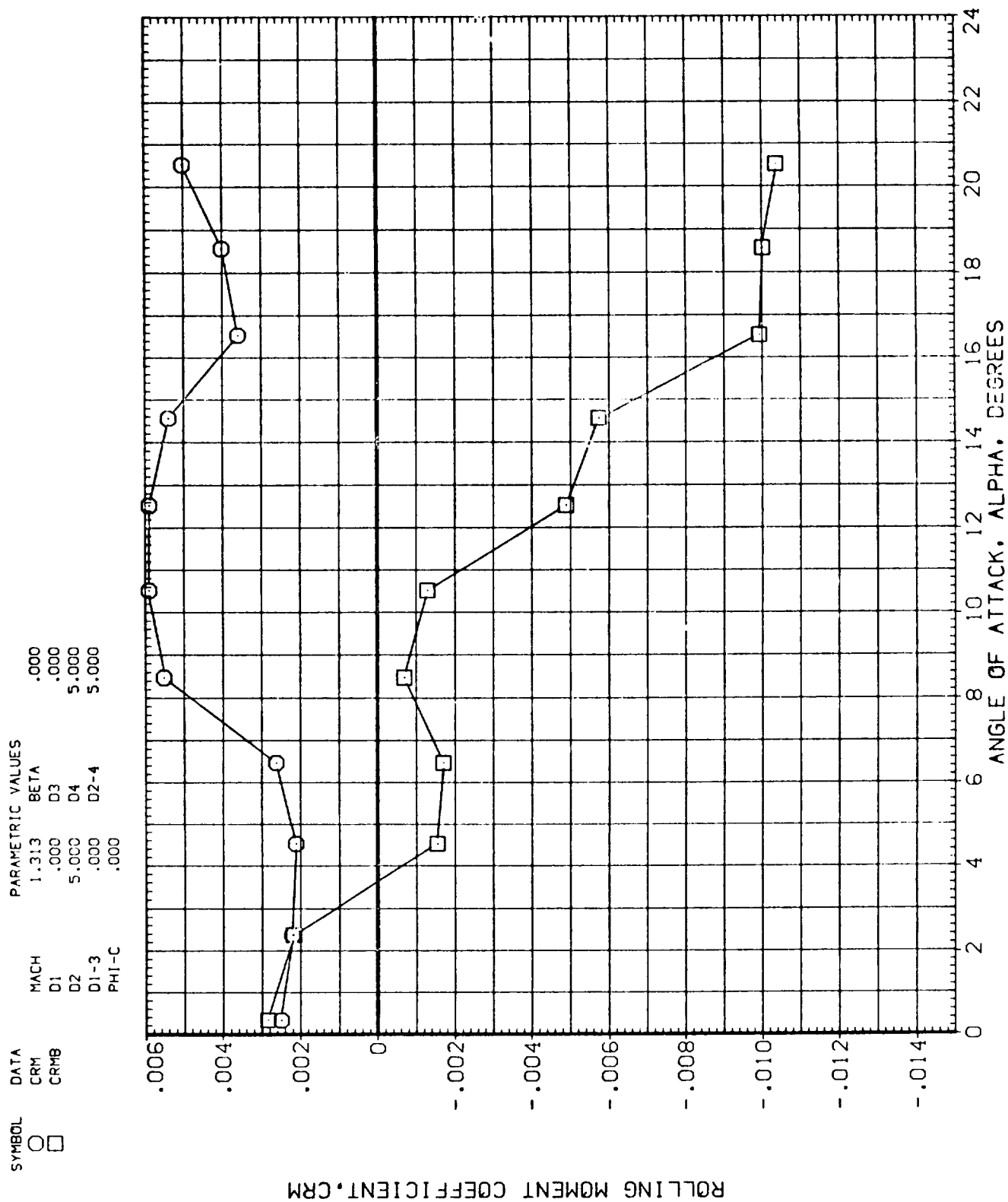


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

DATA		PARAMETRIC VALUES			
SYMBOL		MACH	1.762	BETA	.000
CRM		D1	.000	D3	.000
CRMB		D2	5.000	D4	5.000
		D1-3	.000	D2-4	5.000
		PHI-C	.000		

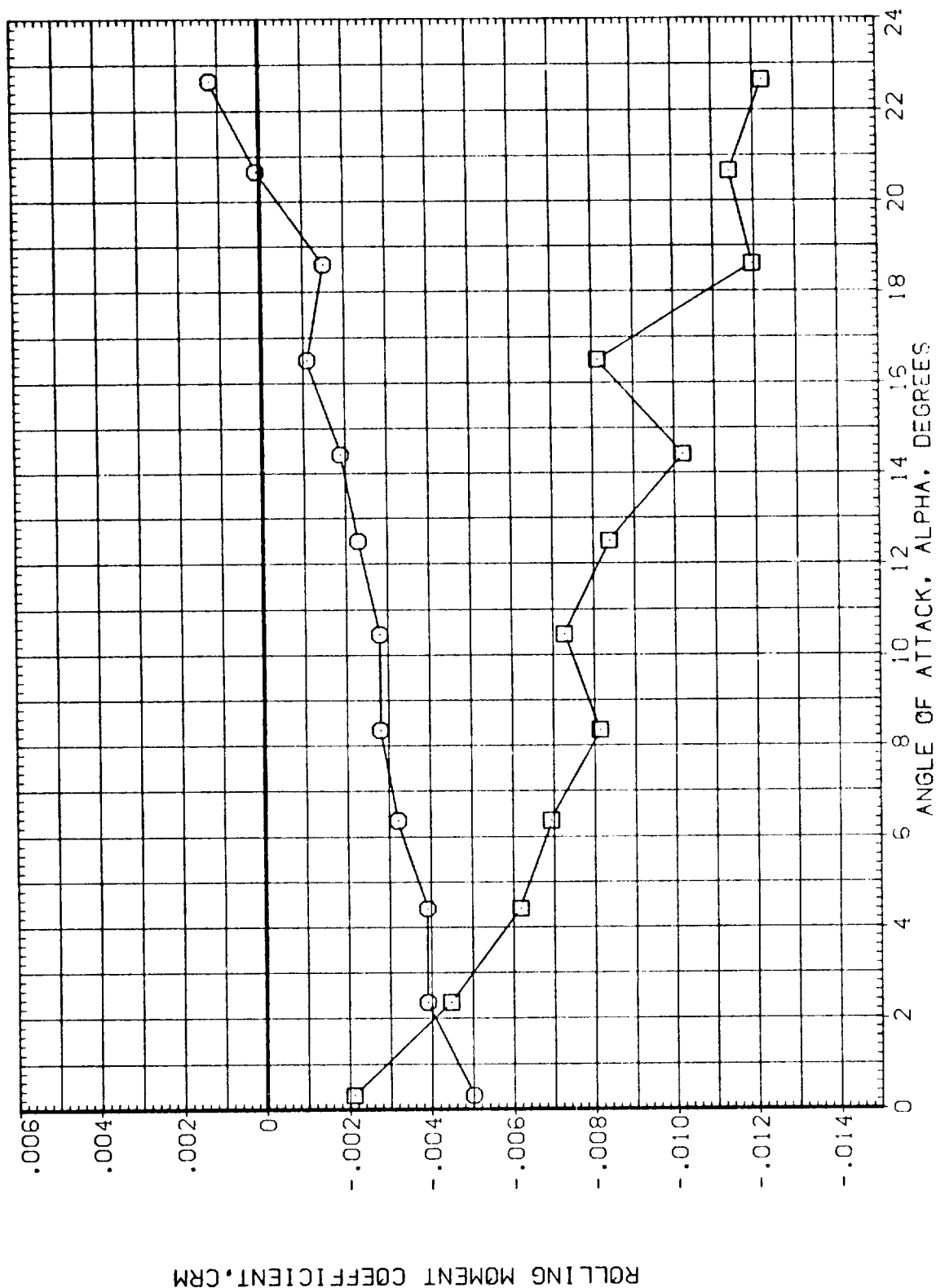


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(CEZ204)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
○	CN	D1	.805	BETA
□	CNB	D2	.000	D3
		D1-3	10.000	D4
		PHI-C	.000	D2-4
				10.000
				10.000

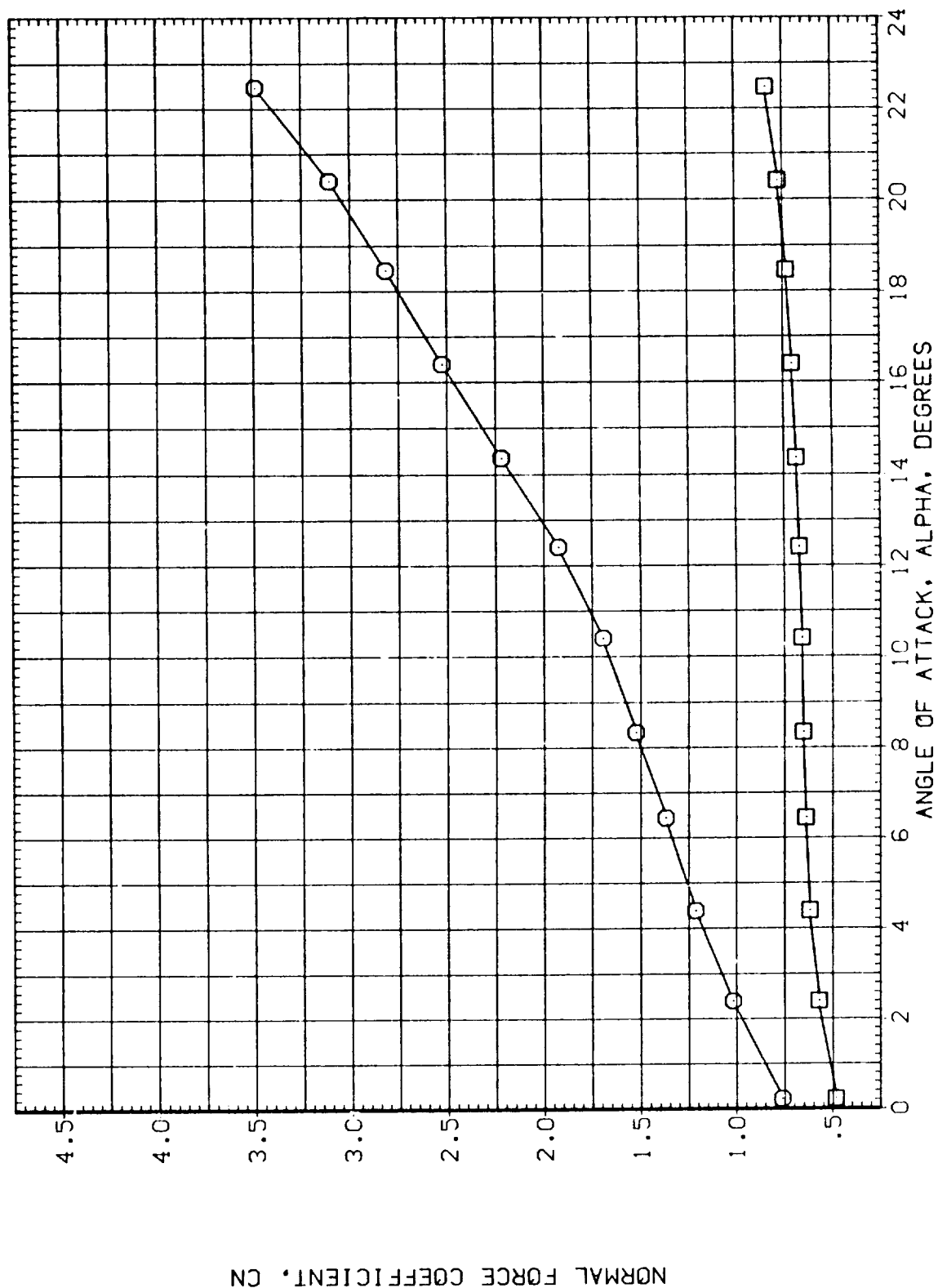


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CN	CNB	MACH	1.312	BETA	.000
			D1	.000	D3	.000
			D2	10.000	D4	10.000
			D1-3	.000	D2-4	10.000
			PHI-C	.000		

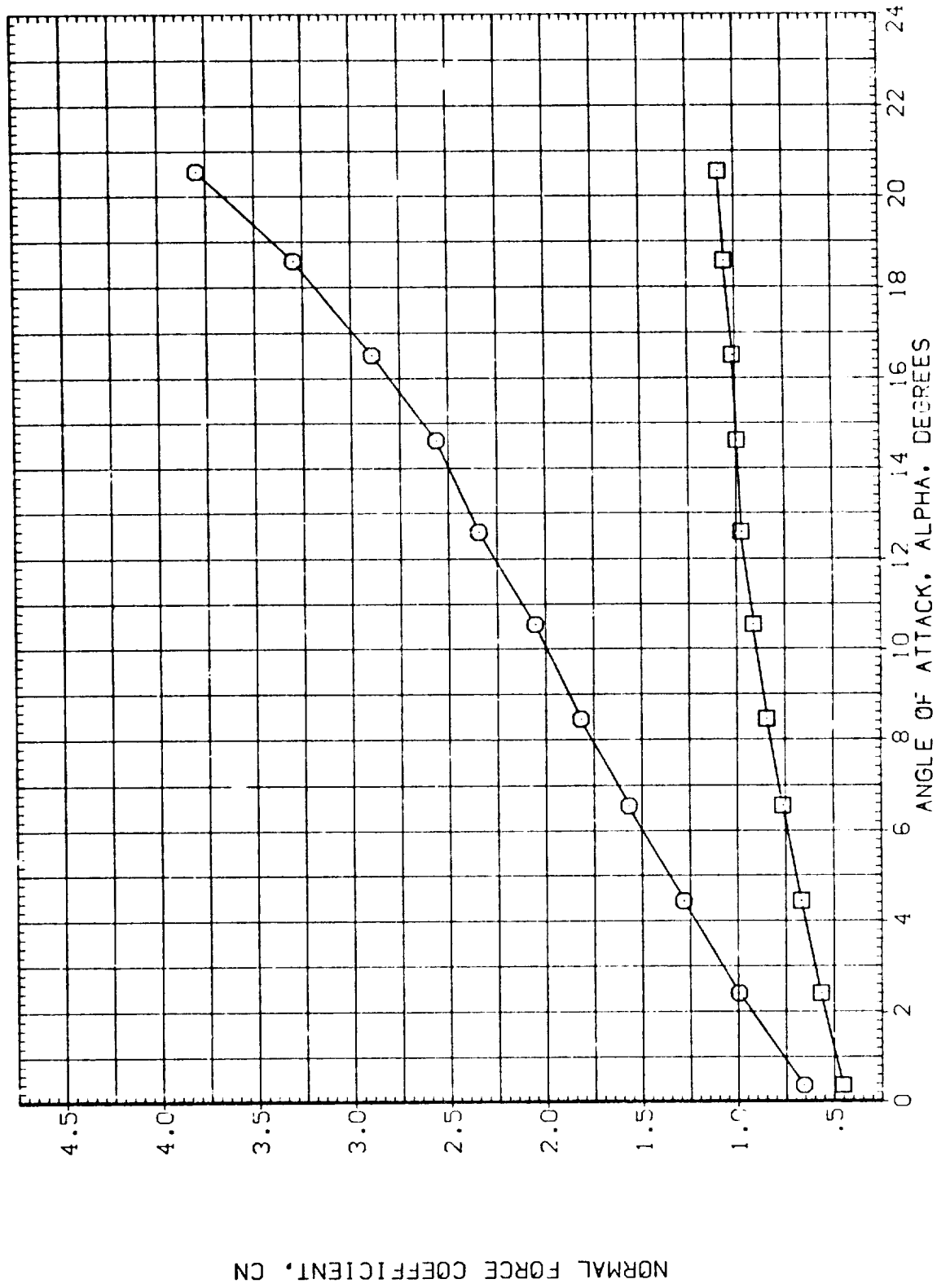


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ204)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA		PARAMETRIC VALUES			
	CN	CNB	MACH	BETA	D3	D4
○			D1	.000	.000	.000
□			D2	10.000	10.000	10.000
			D1-3	.000	D2-4	10.000
			PHI-C	.000		

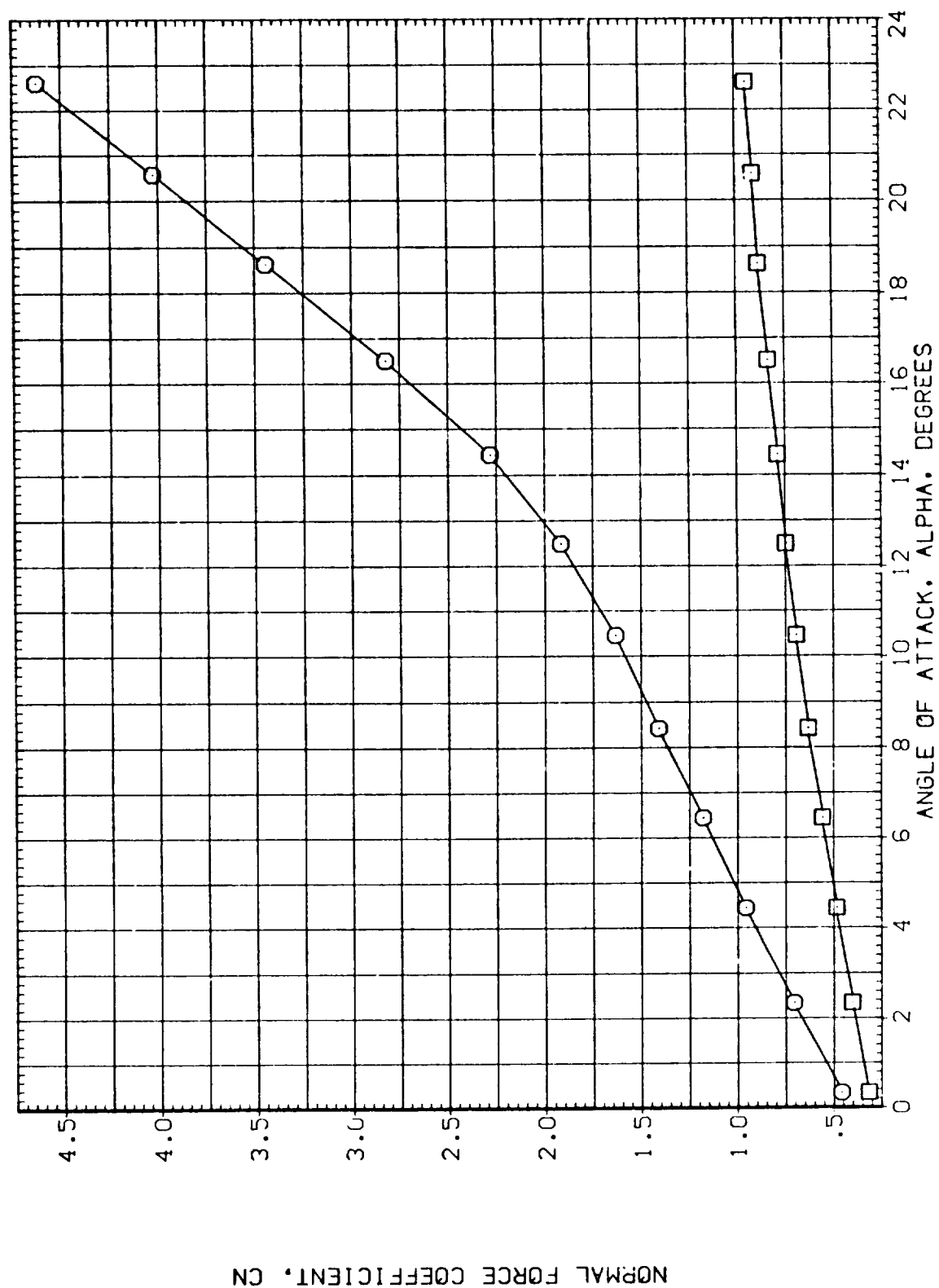


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	.805	BETA	.000	
○	CM	D1	.000	D3	.000	
□	CMB	D2	10.000	D4	10.000	
		D1-3	.000	D2-4	10.000	
		PHI-C	.000			

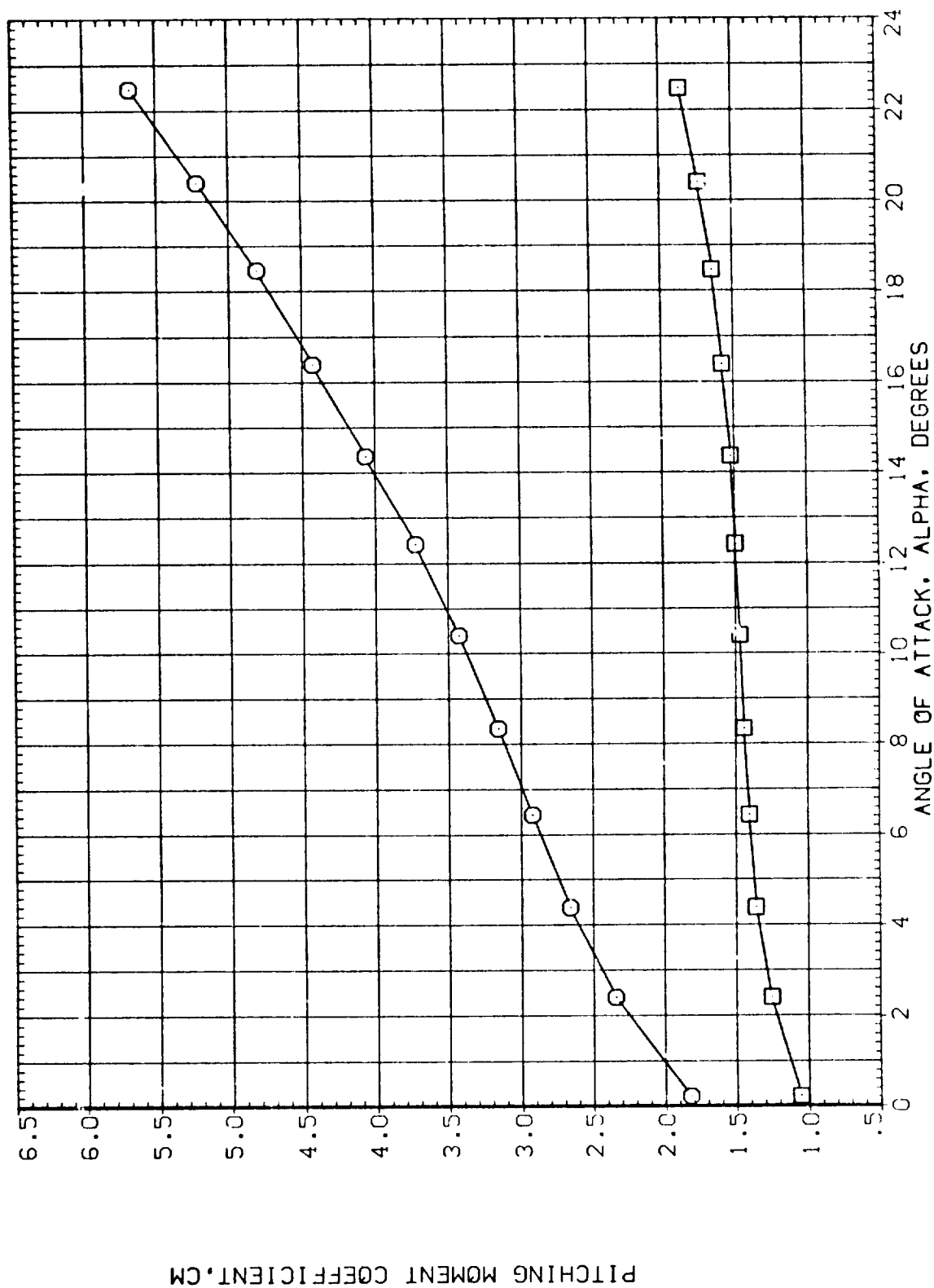


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



(CEZ204)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.312	BETA	.000		
○	CM	D1	.000	D3	.000		
□	CMB	D2	10.000	D4	10.000		
		D1-3	.000	D2-4	10.000		
		PHI-C	.000				

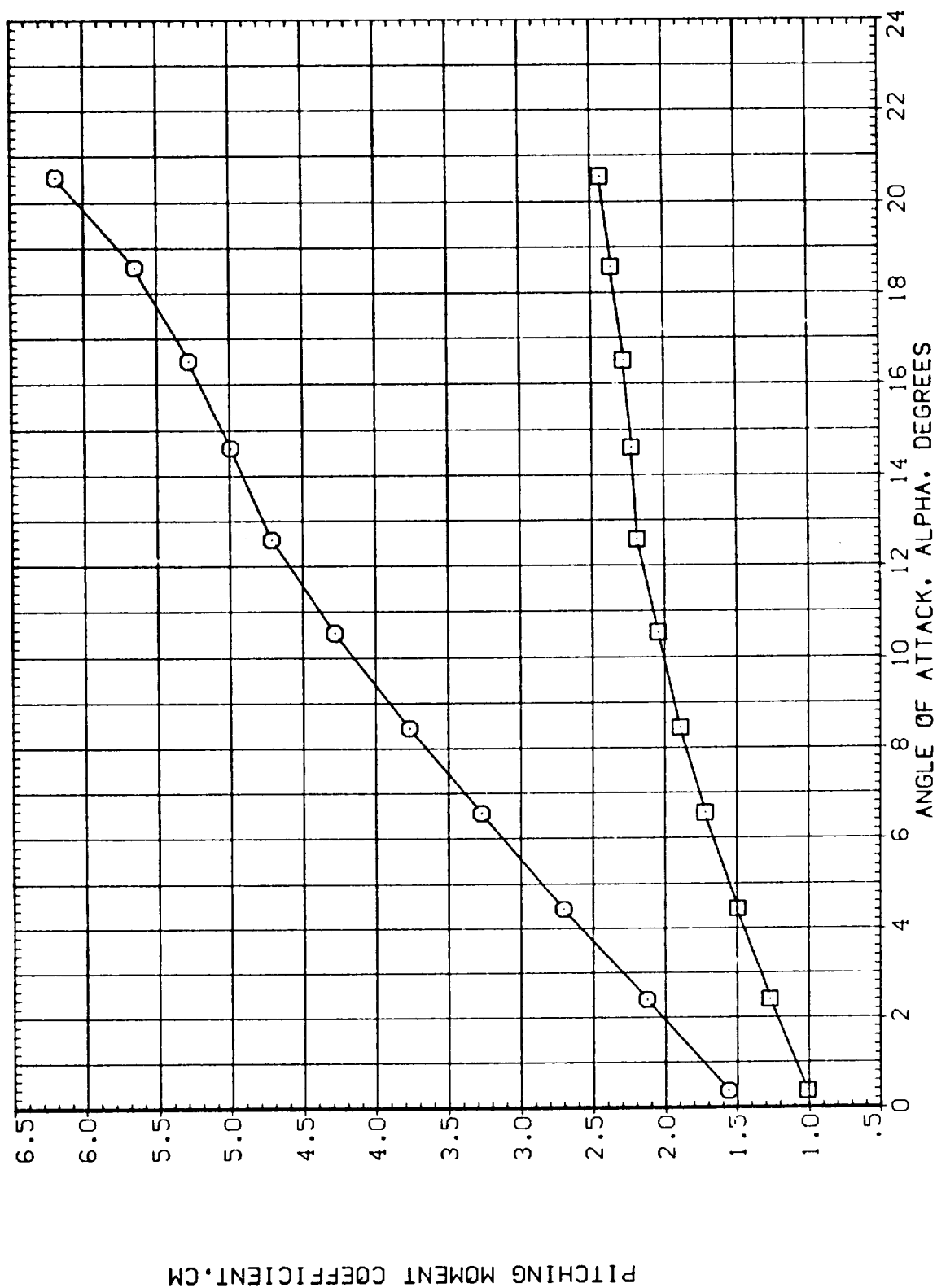


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CM	MACH	1.762	BETA	.000	
□	CMB	D1	.000	D3	.000	
		D2	10.000	D4	10.000	
		D1-3	.000	D2-4	10.000	
		PHI-C	.000			

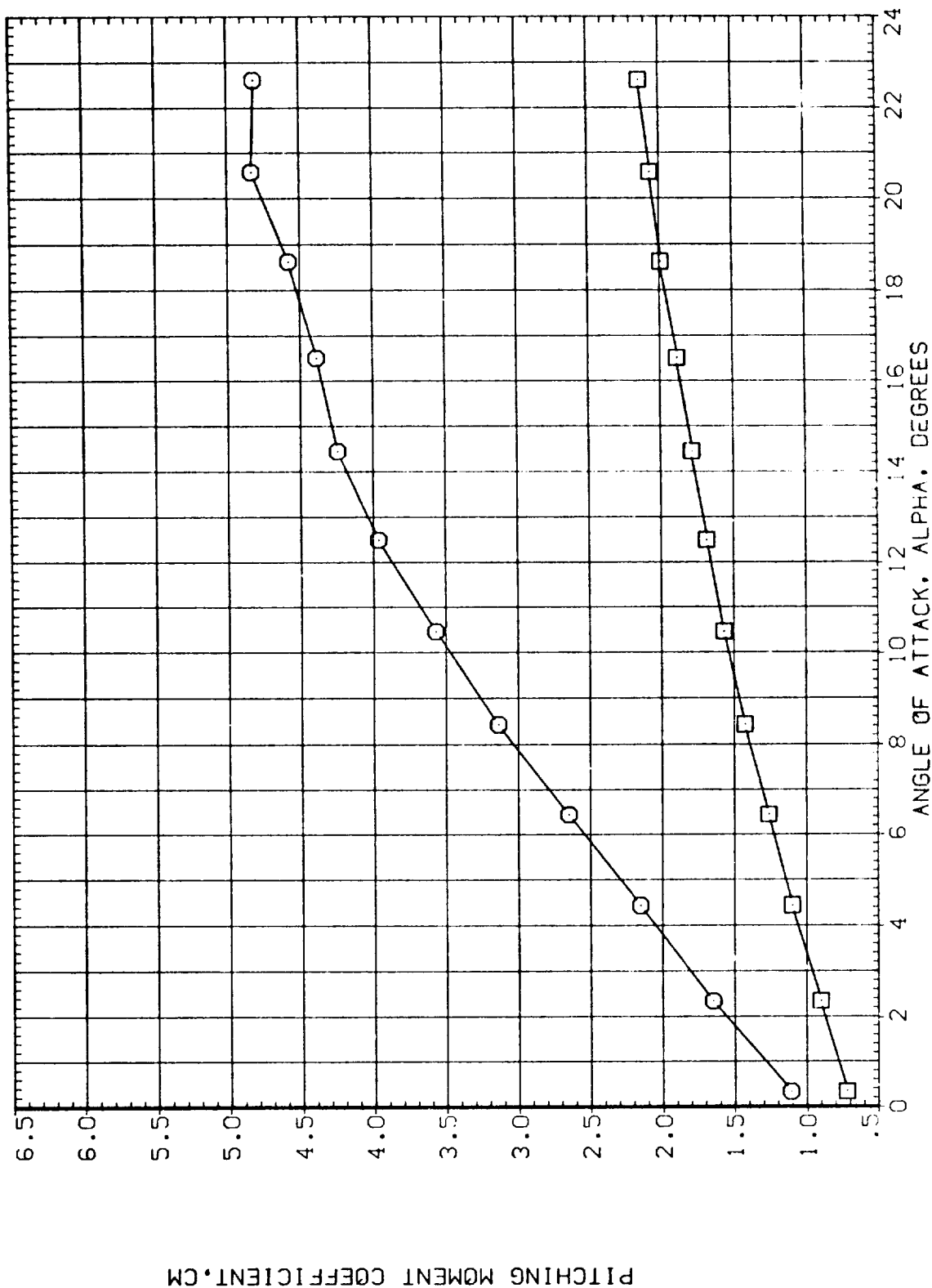


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
O	CA		1.312	BETA	.000	
		D1	.000	D3	.000	
		D2	10.000	D4	10.000	
		D1-3	.000	D2-4	10.000	
		PHI-C	.000			

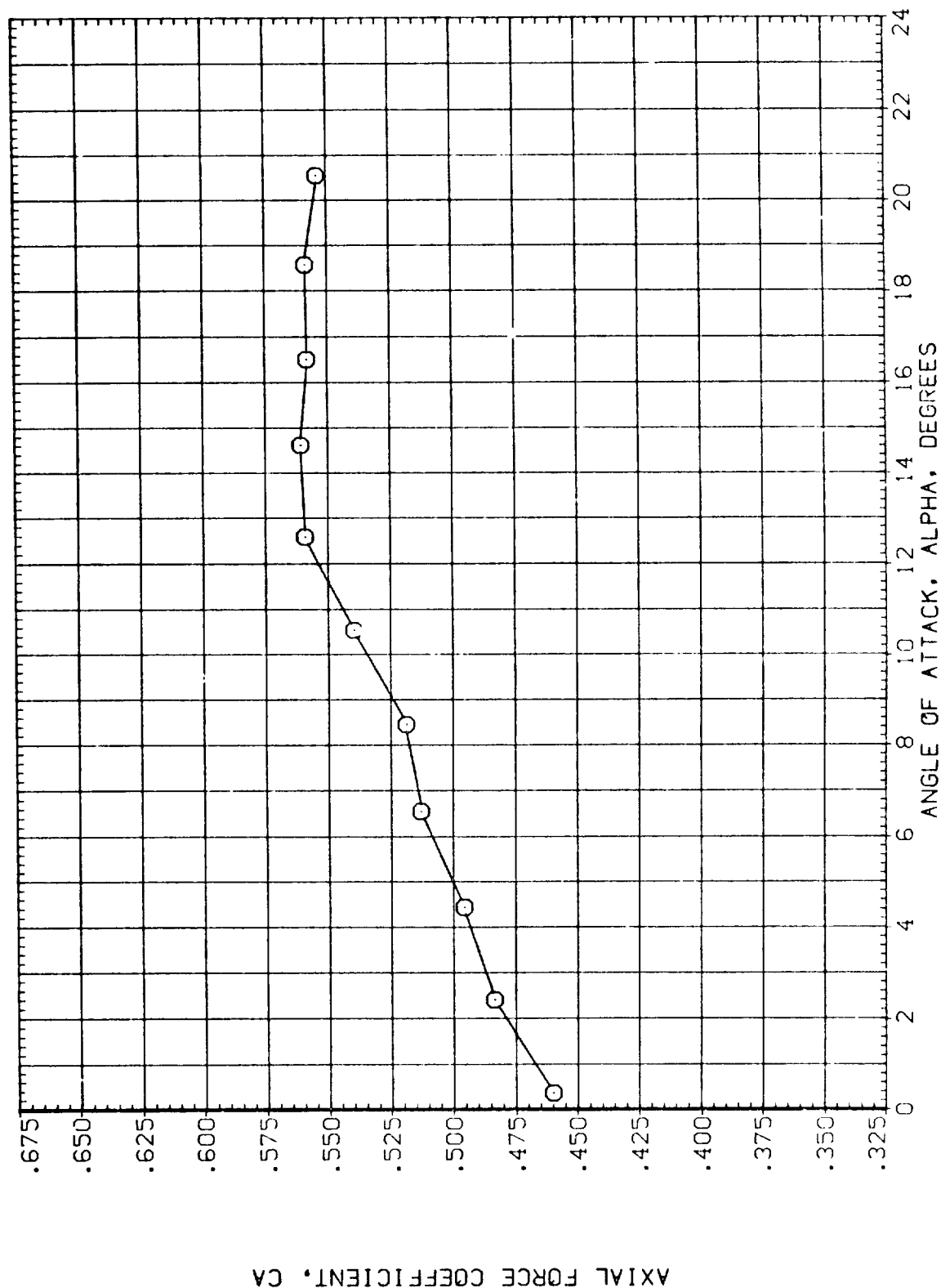


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(0EZ204)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
	CA		1.762	BETA		.000
		D1	.000	D3		.000
		D2	10.000	D4		10.000
		PHI-3	.000	D2-4		10.000
		PHI-C	.000			

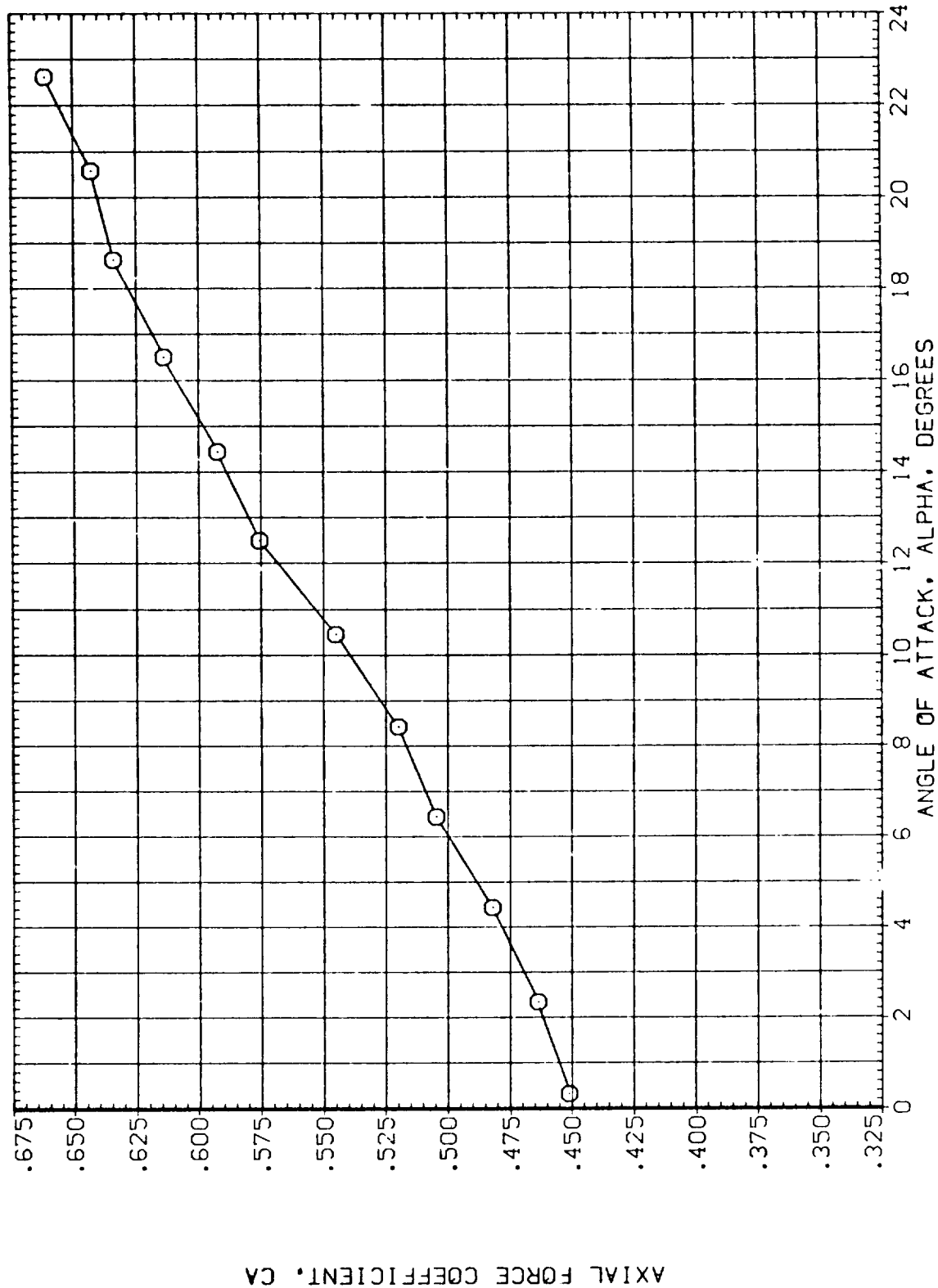


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D3	D4	
○	CY	D1	.805	.000	.000	
□	CYB	D2	.000	.000	.000	
		D1-3	10.000	D4	10.000	
		PHI-C	.000	D2-4	10.000	

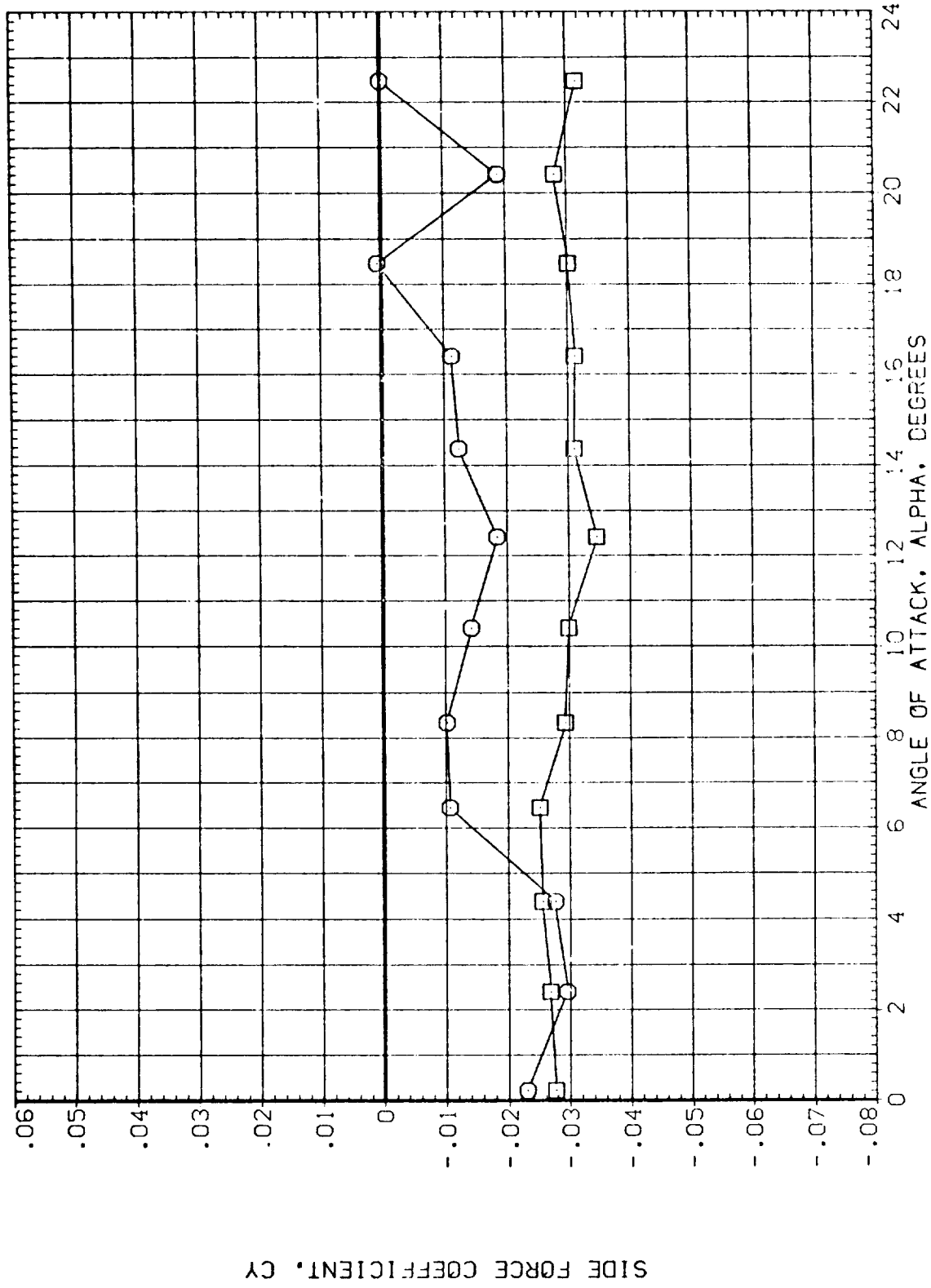


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(CEZ204)

SYMBOL  
○ □

DATA	MACH	PARAMETRIC VALUES	
CY	D1	1.312	BETA .000
CYB	D2	.000	D3 .000
	D1-3	10.000	D4 10.000
	PHI-C	.000	D2-4 10.000

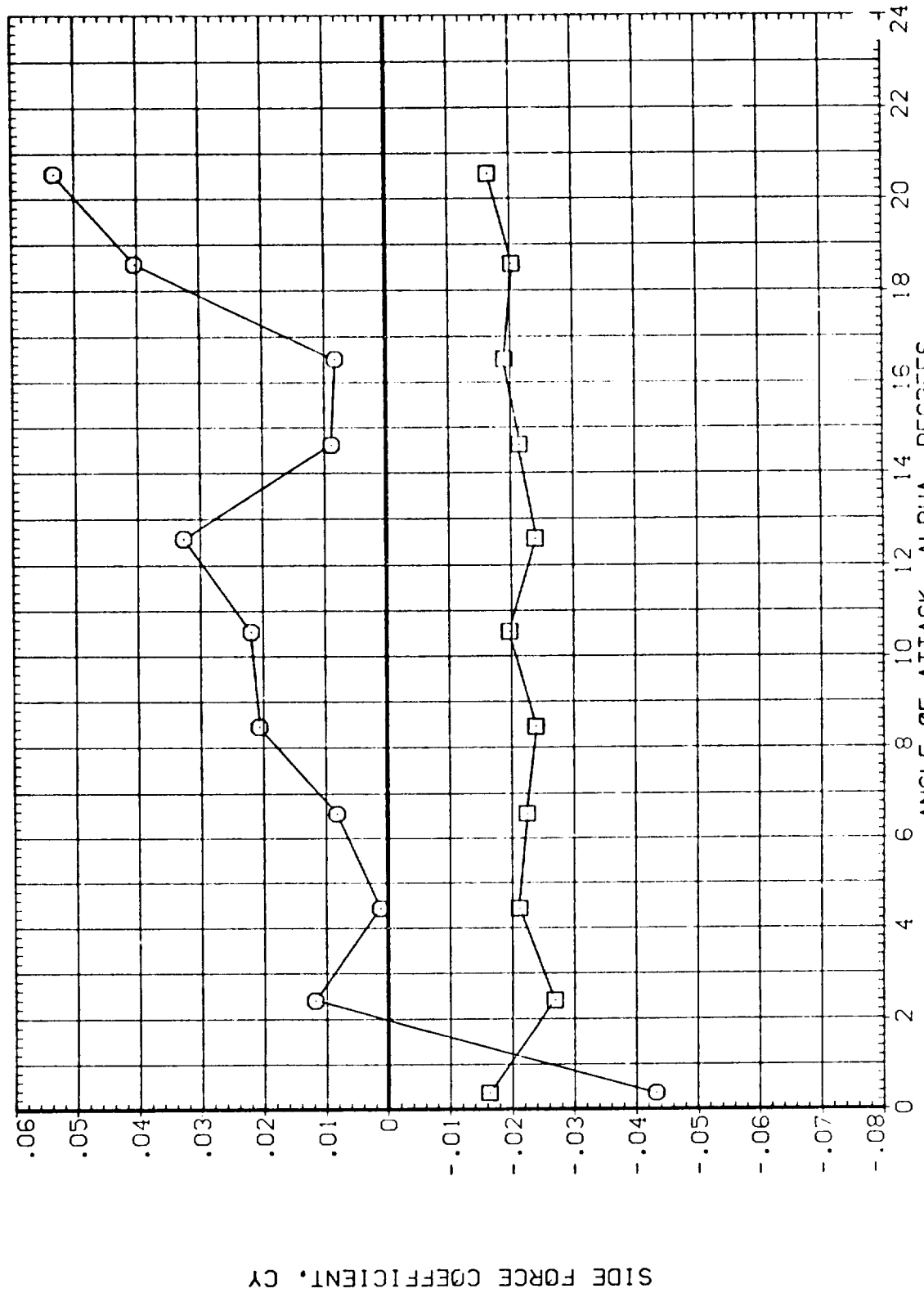


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	BETA	D3	D4	D2-4	
○	CY	D1	1.762	.000	.000		.000
□	CYB	C2	10.000	10.000	10.000		10.000
		D1-3	.000	.000	.000		.000
		PHI-C					.000

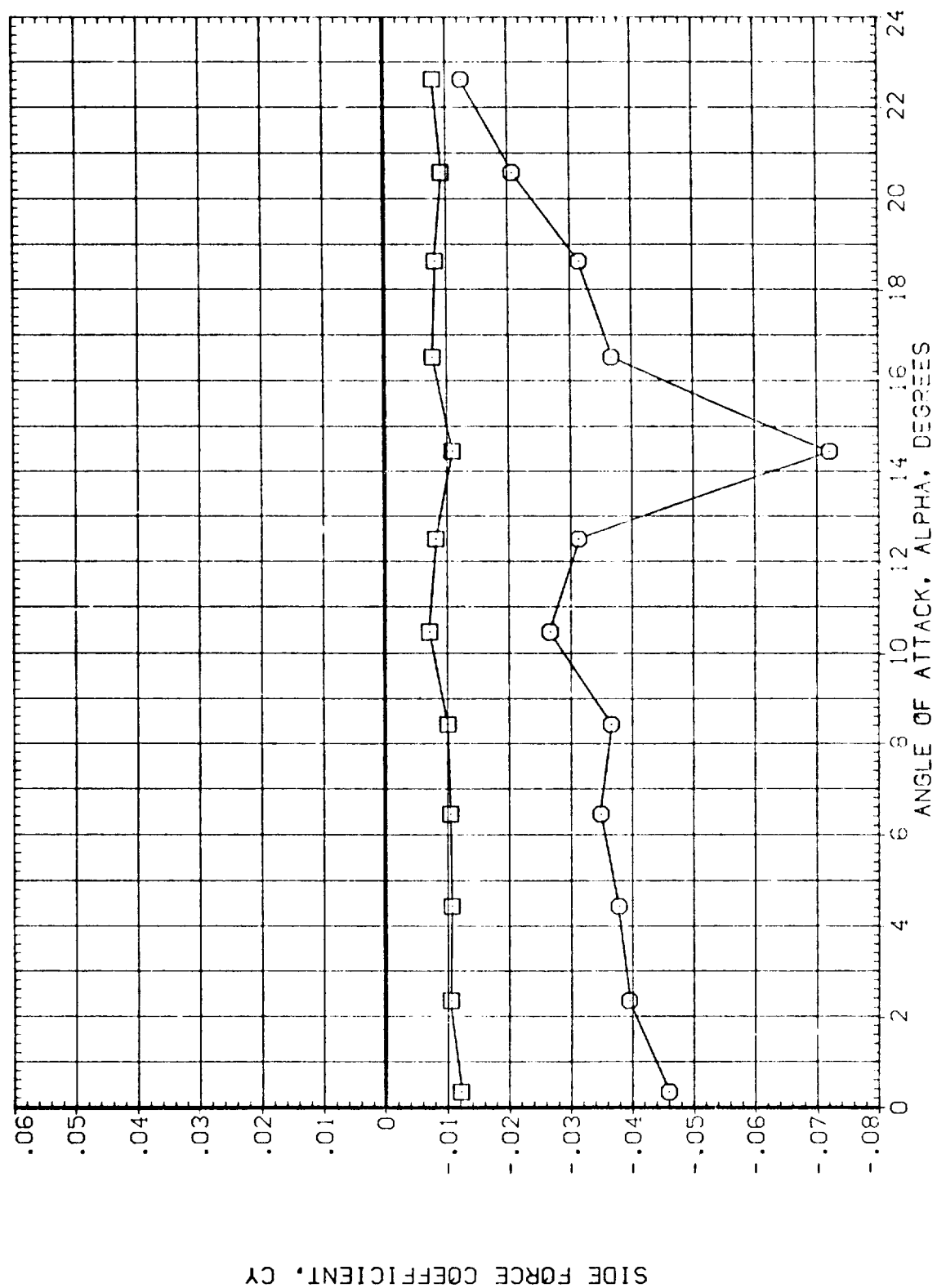


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 11 (BN3C6)

(CEZ204)

SYMBOL  
○  
□

DATA  
CYM  
CYMB

PARAMETRIC VALUES

MACH	BETA	
D1	.805	.000
D2	.000	.000
D1-3	10.000	10.000
PHI-C	.000	10.000

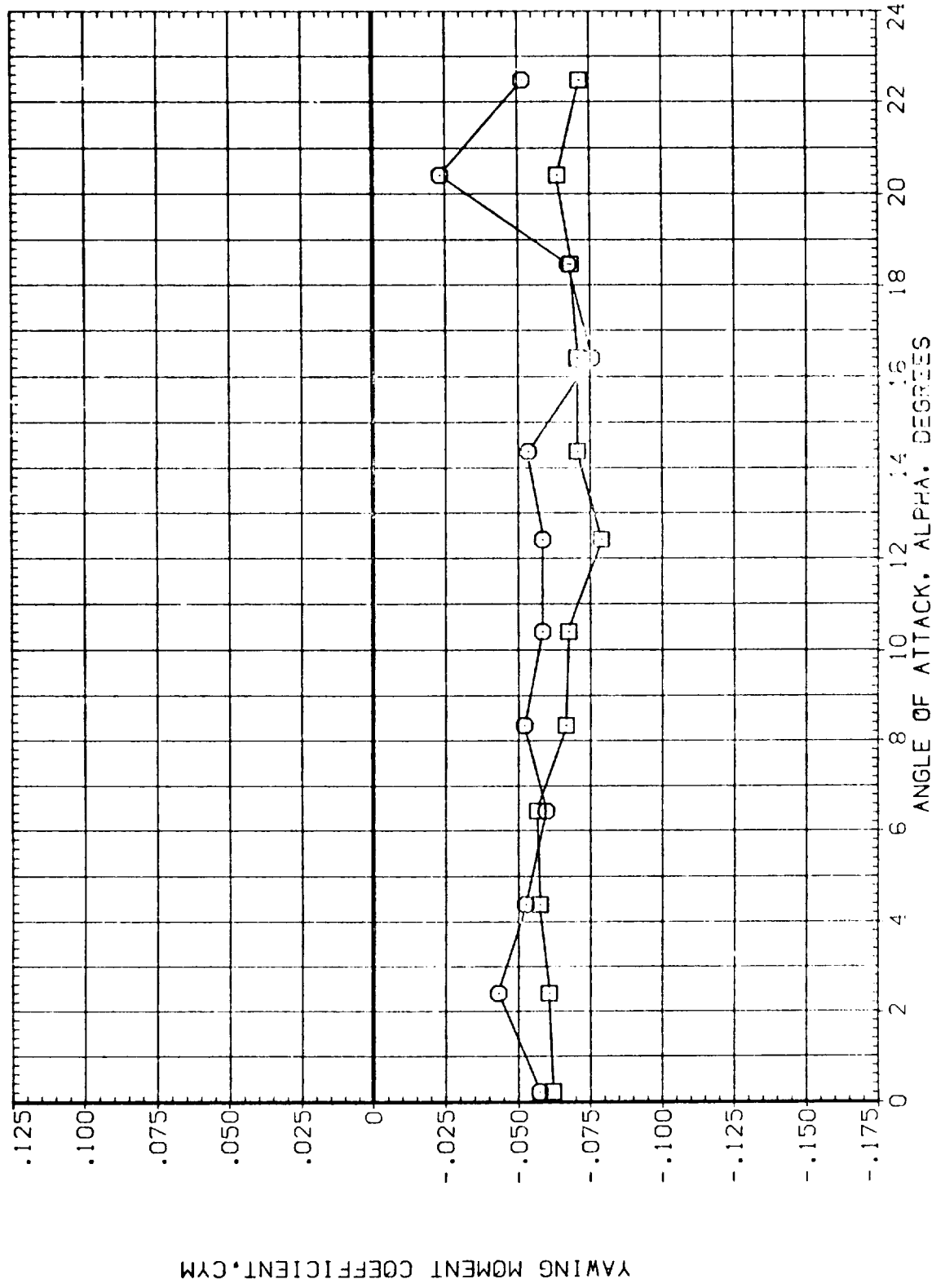


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	BETA	D1	D2	D3	D4
○	CYM	1.312	.000	.000	.000	.000	.000
□	CYMB	10.000	10.000	10.000	10.000	10.000	10.000
		D1-3	D2-4				
		PHI-C					

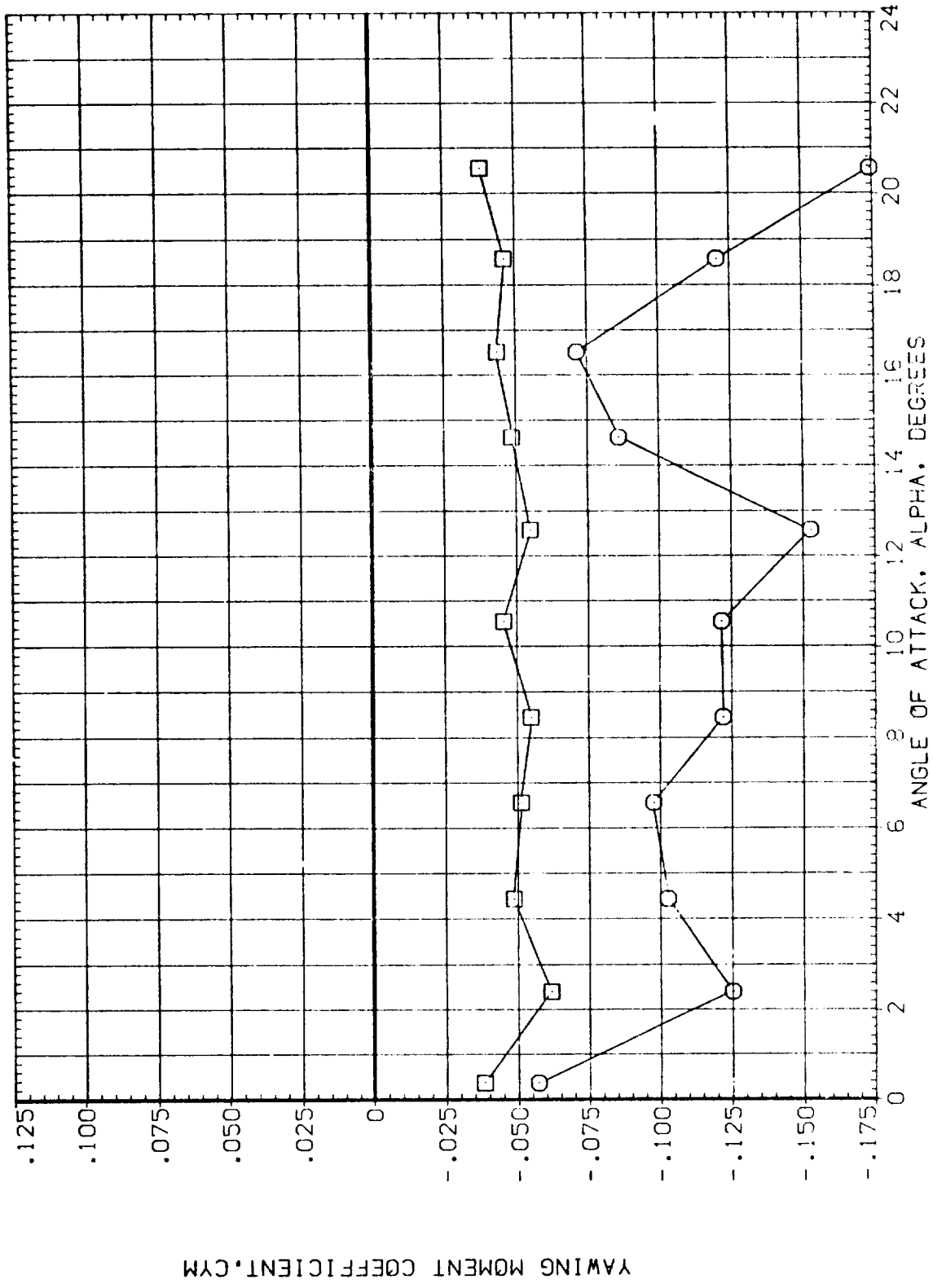


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (5N3C6)

(CEZ204)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
	CYM		1.762	BETA	.000	
	CYMB	D1	.000	D3	.000	
		D2	10.000	D4	10.000	
		D1-3	.000	D2-4	10.000	
		PHI-C	.000			

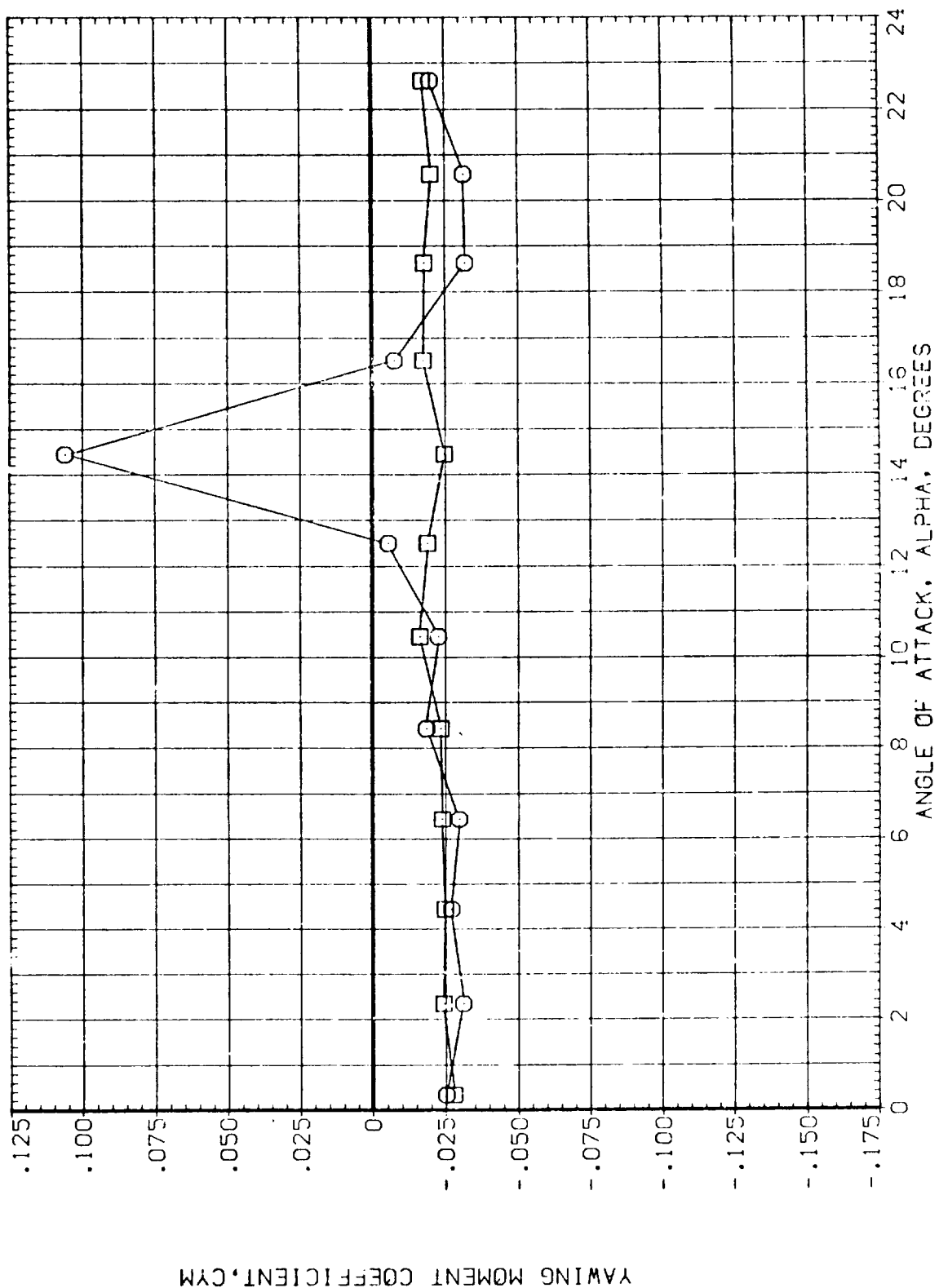


FIG. 7 BODY-CANARD CHARACTERISTICS. MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	.805	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRMB	D2	10.000	D4	10.000		
		D1-3	.000	D2-4	10.000		
		PHI-C	.000				

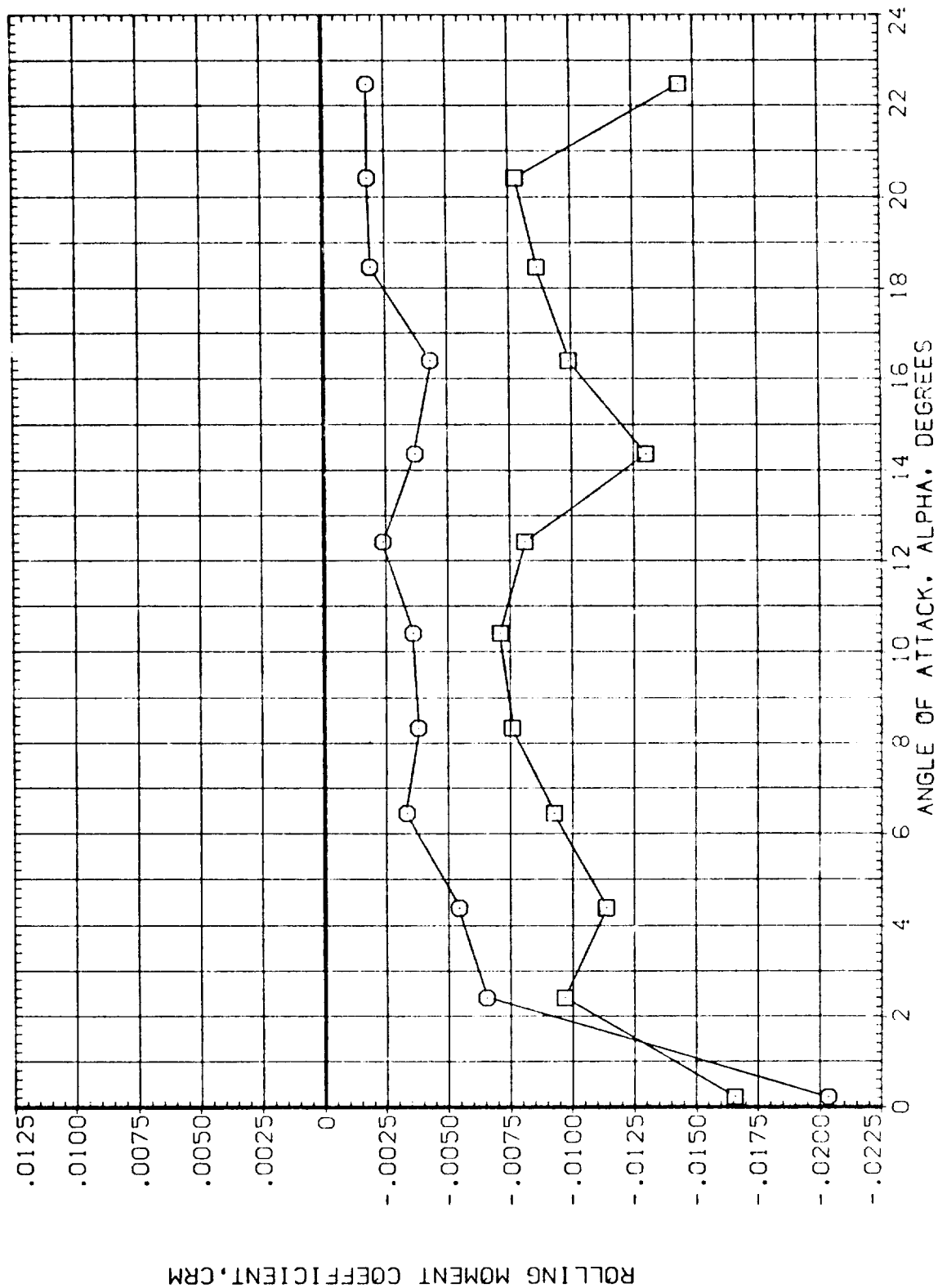


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 11 (BN3C6)

(CEZ204)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.312	BETA	.000	.000
○	CRM	D1	.000	D3	.000	.000
□	CRMB	D2	10.000	D4	10.000	10.000
		PHI-3	.000	D2-4	10.000	10.000
		PHI-C	.000			

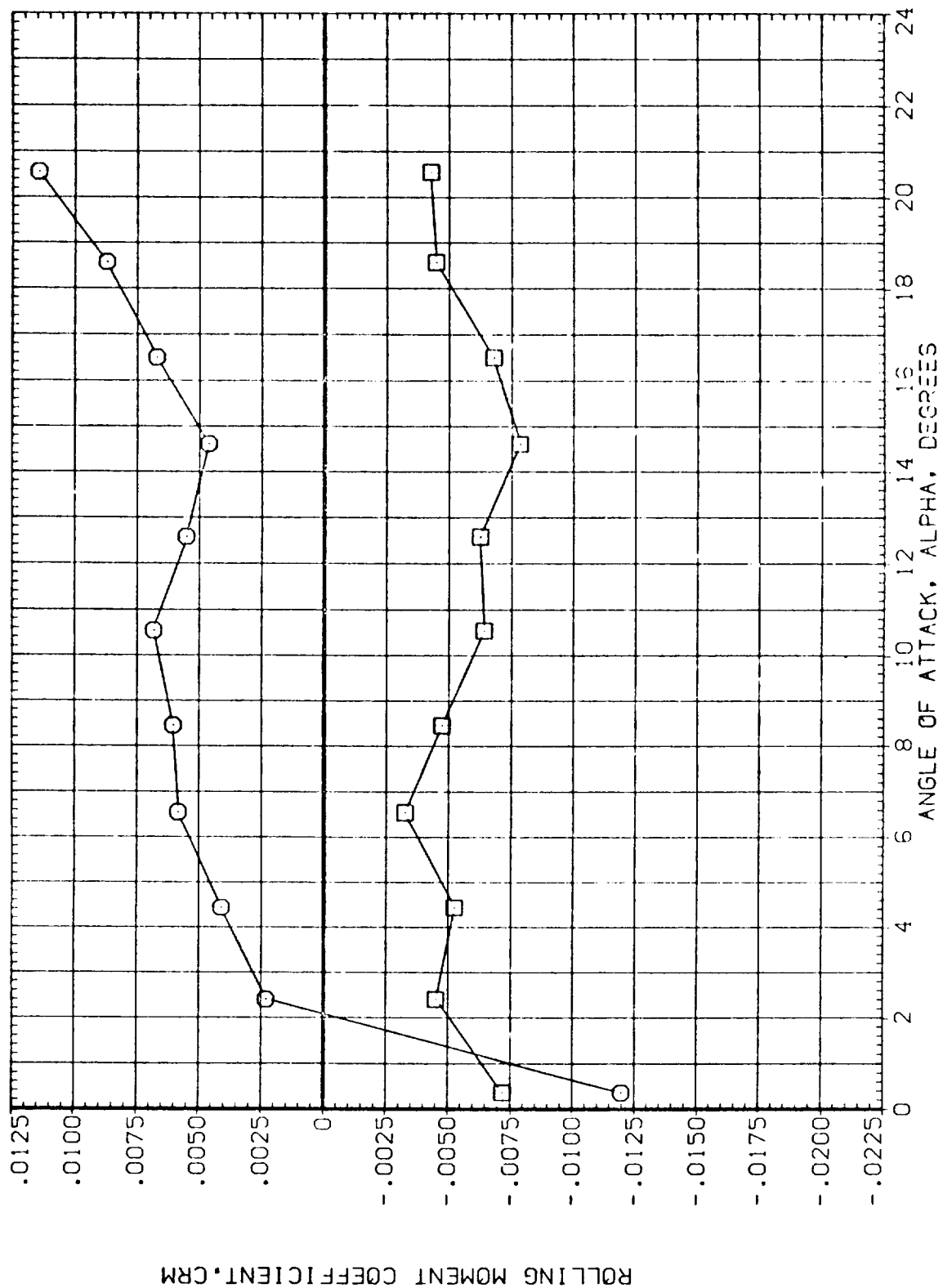


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES			
	CRM	MACH	1.762	BETA	.000
	CRMB	D1	.000	D3	.000
		D2	10.000	D4	10.000
		D1-3	.000	D2-4	10.000
	PHI-C	.000			

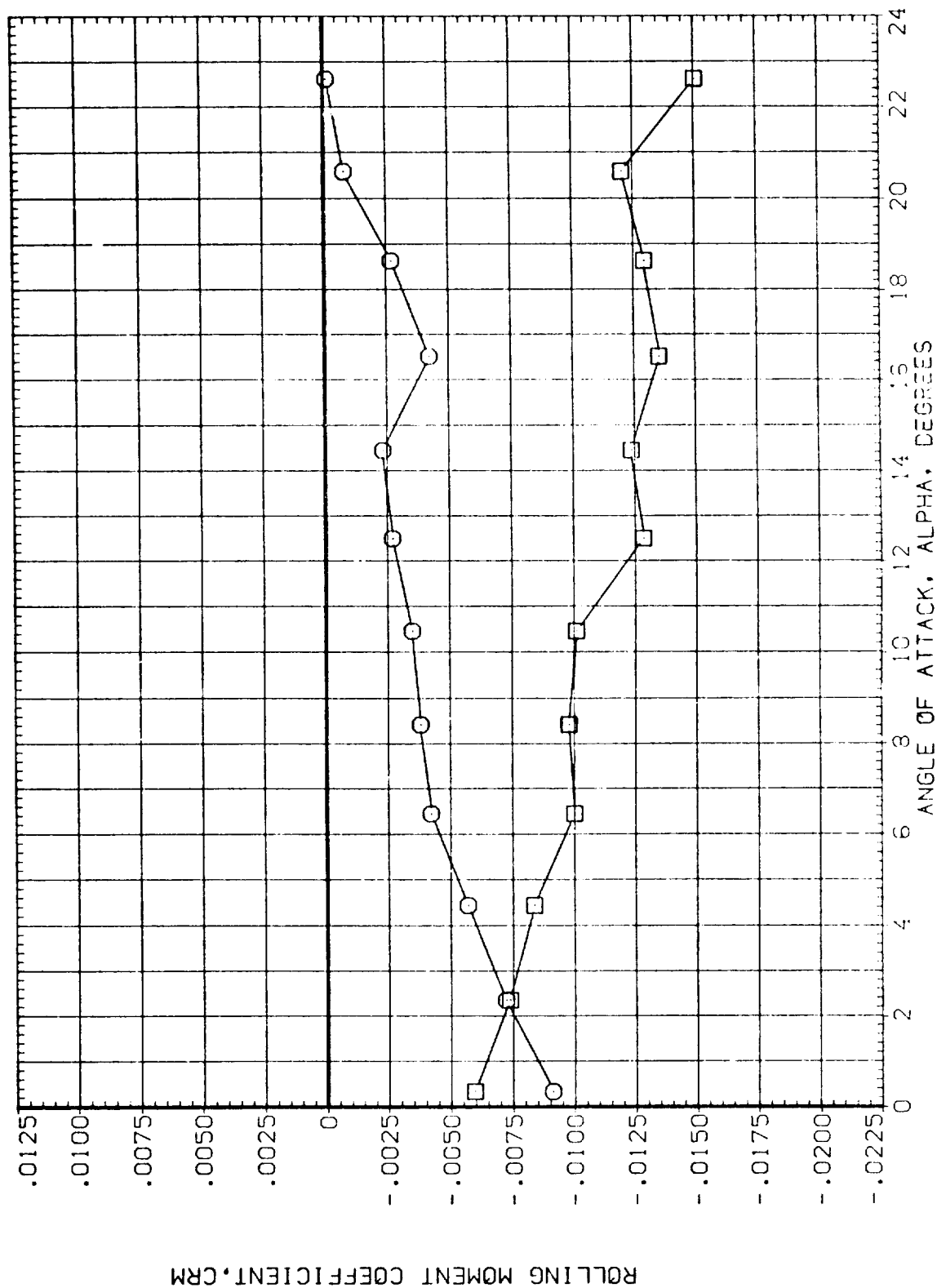


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ203)

CONFIGURATION 11 (BN306)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D3	D4	
○	CN	D1	.802	.000	.000	.000
□	CNB	D2	.000	.000	.000	.000
		D1-3	15.000	D2-4	15.000	15.000
		PHI-C	.000			15.000

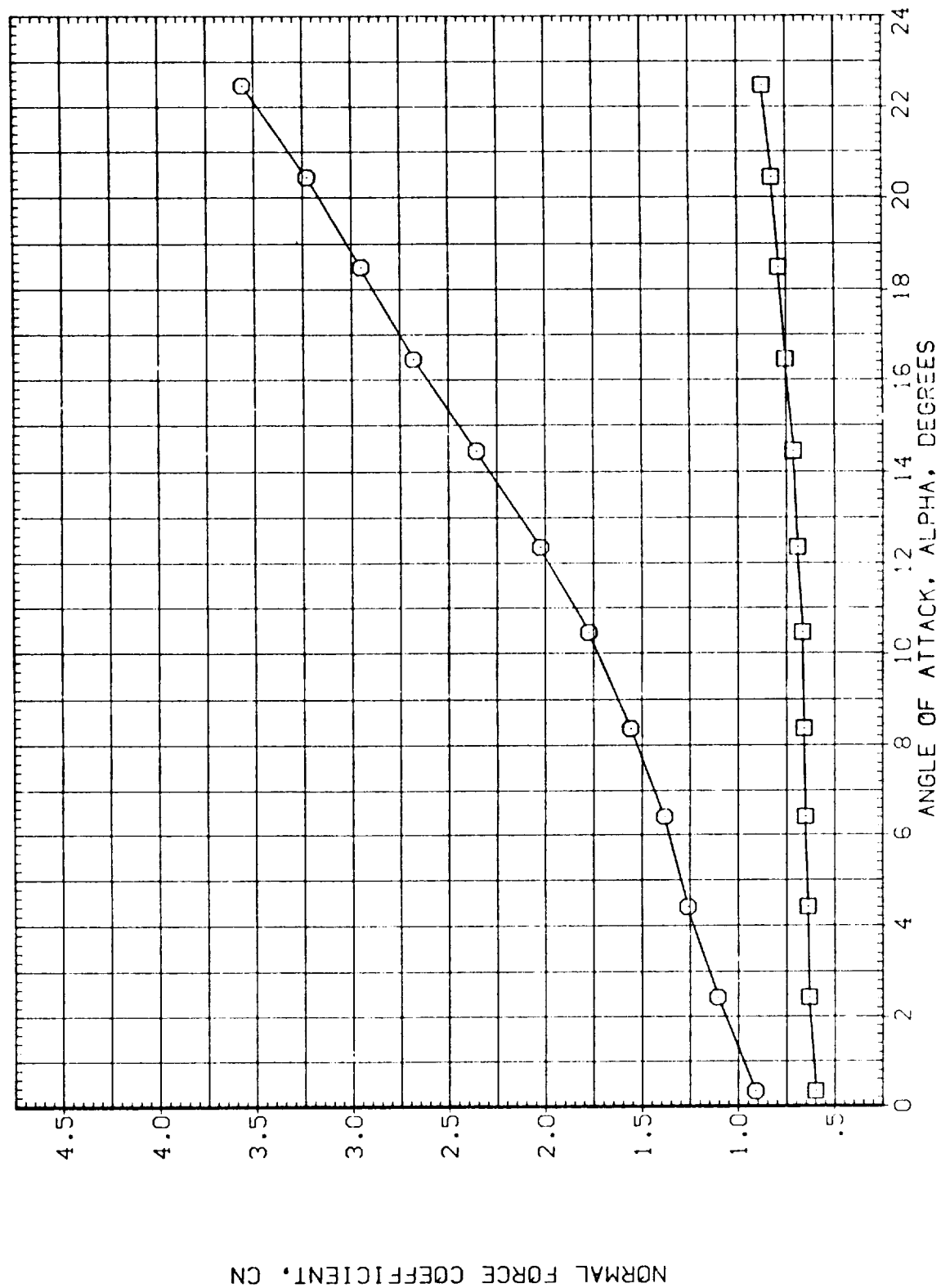


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D1	D2	PHI-C
○	CN	1.310	.000	.000	.000	.000
□	CNB	15.000	.000	15.000	15.000	.000

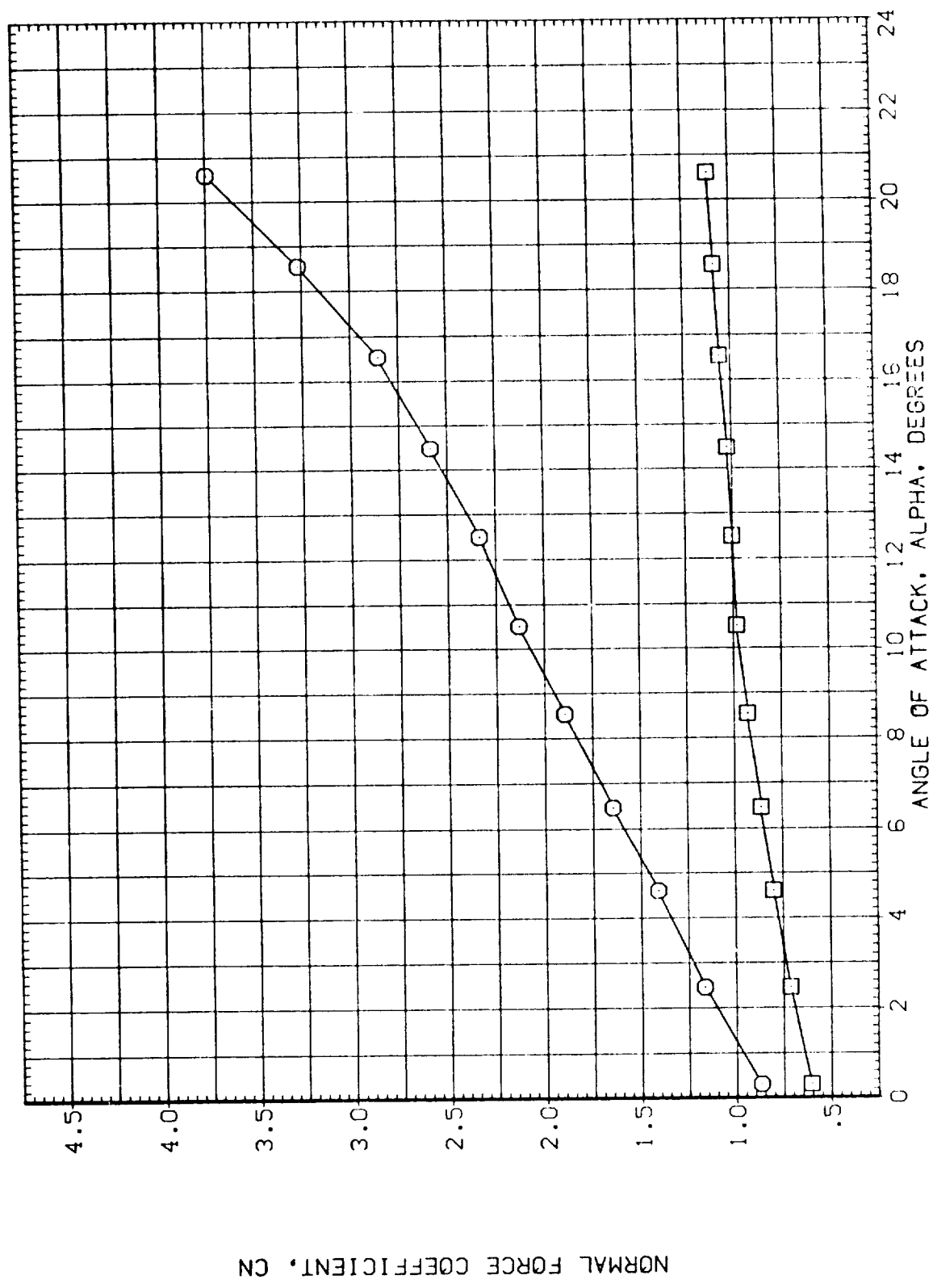


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 11 (BN3C6)

(CEZ203)

DATA	MACH	PARAMETRIC VALUES	
CN	01	1.762	BETA .000
CNB	02	.000	D3 .000
	01-3	15.000	D4 15.000
	PHI-C	.000	D2-4 15.000
		.000	

SYMBOL  
 ○  
 □

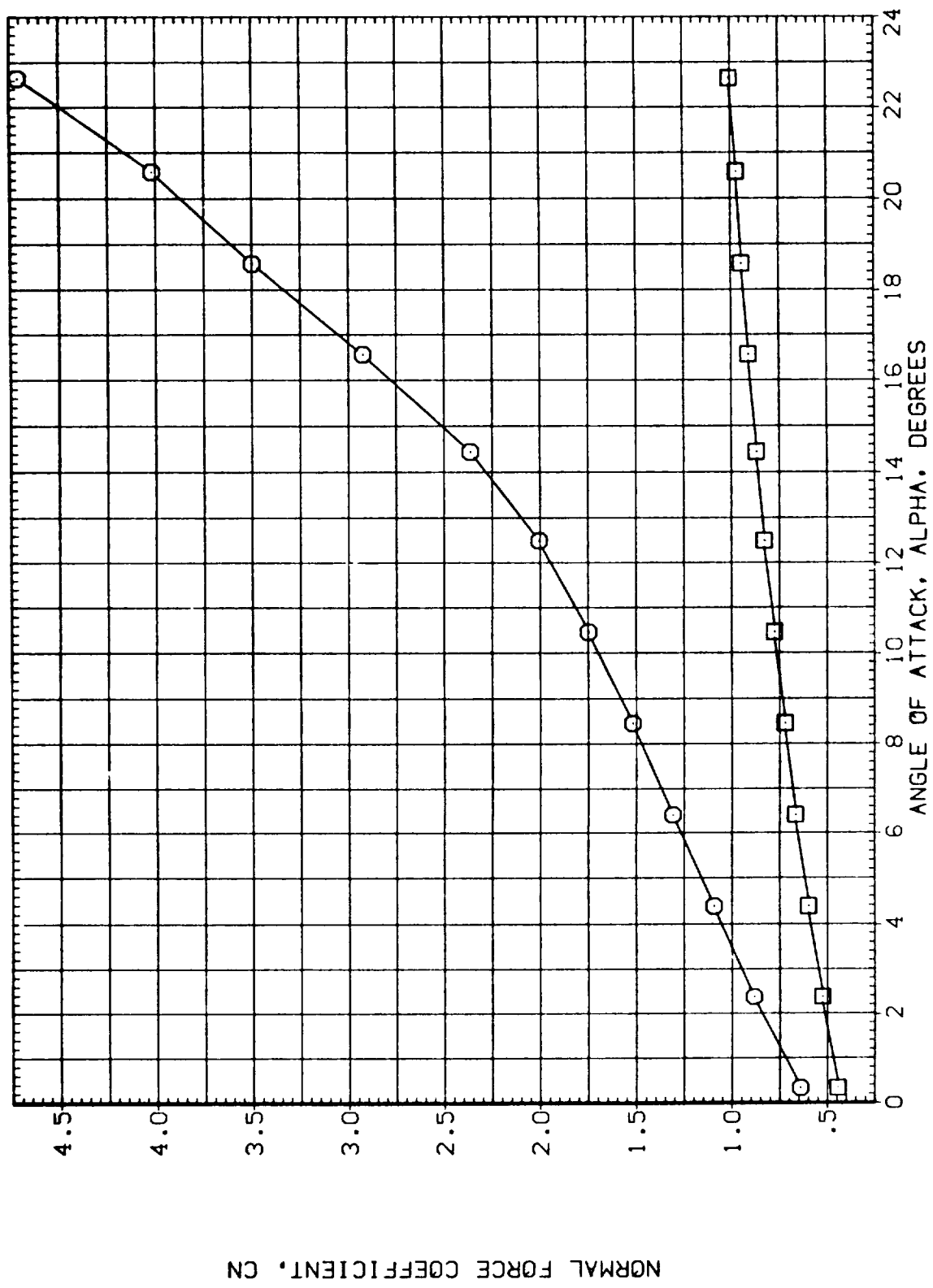


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	PARAMETRIC VALUES			
CM	MACH	.802	BETA	.000
CM	D1	.000	D3	.000
	D2	15.000	D4	15.000
	D1-3	.000	D2-4	15.000
	PHI-C	.000		

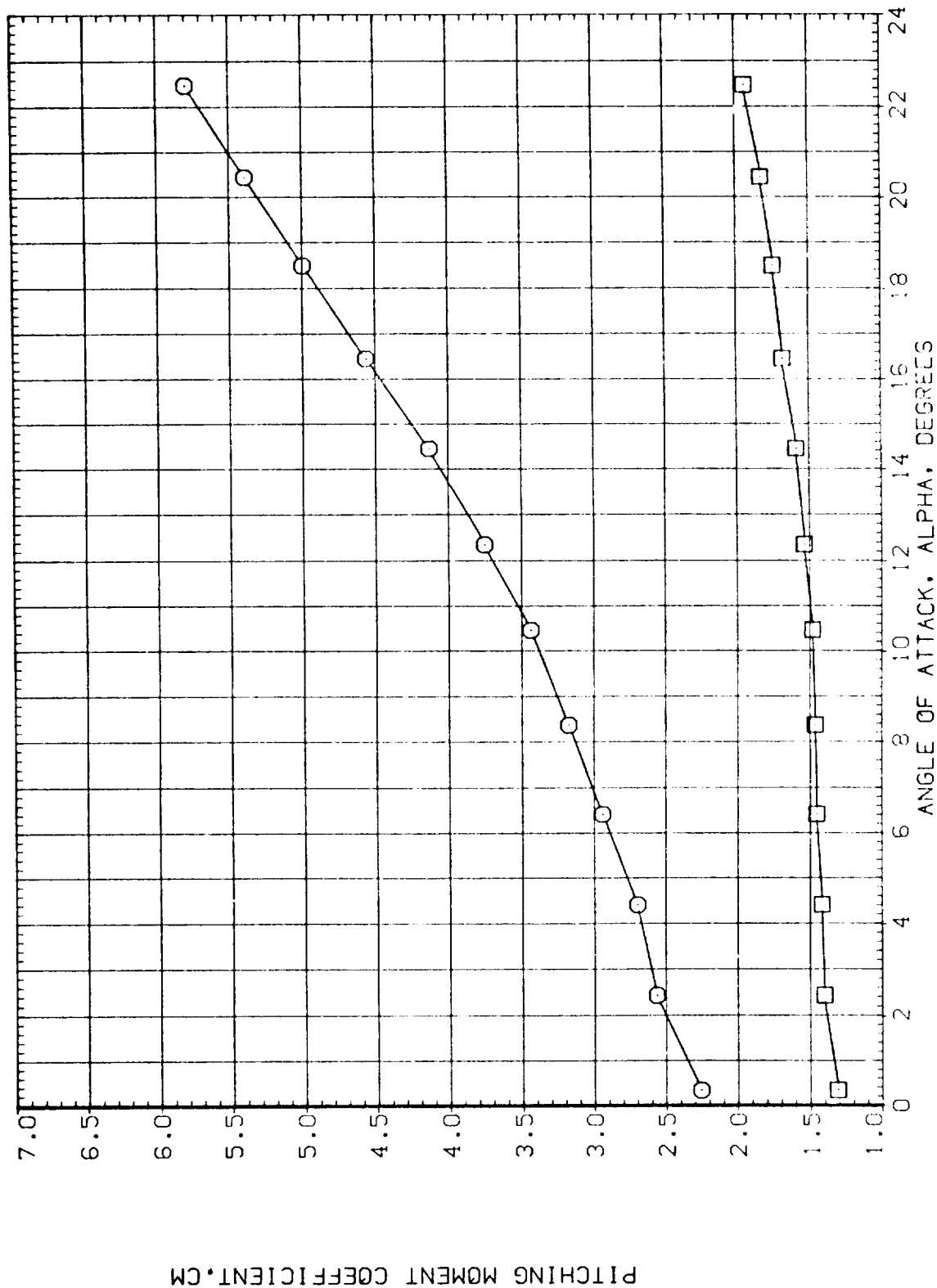


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(CEZ203)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
CH		D1	1.310
CMB		D2	.000
		D1-3	.000
		PHI-C	.000
		BETA	.000
		D3	.000
		D4	15.000
		D2-4	15.000

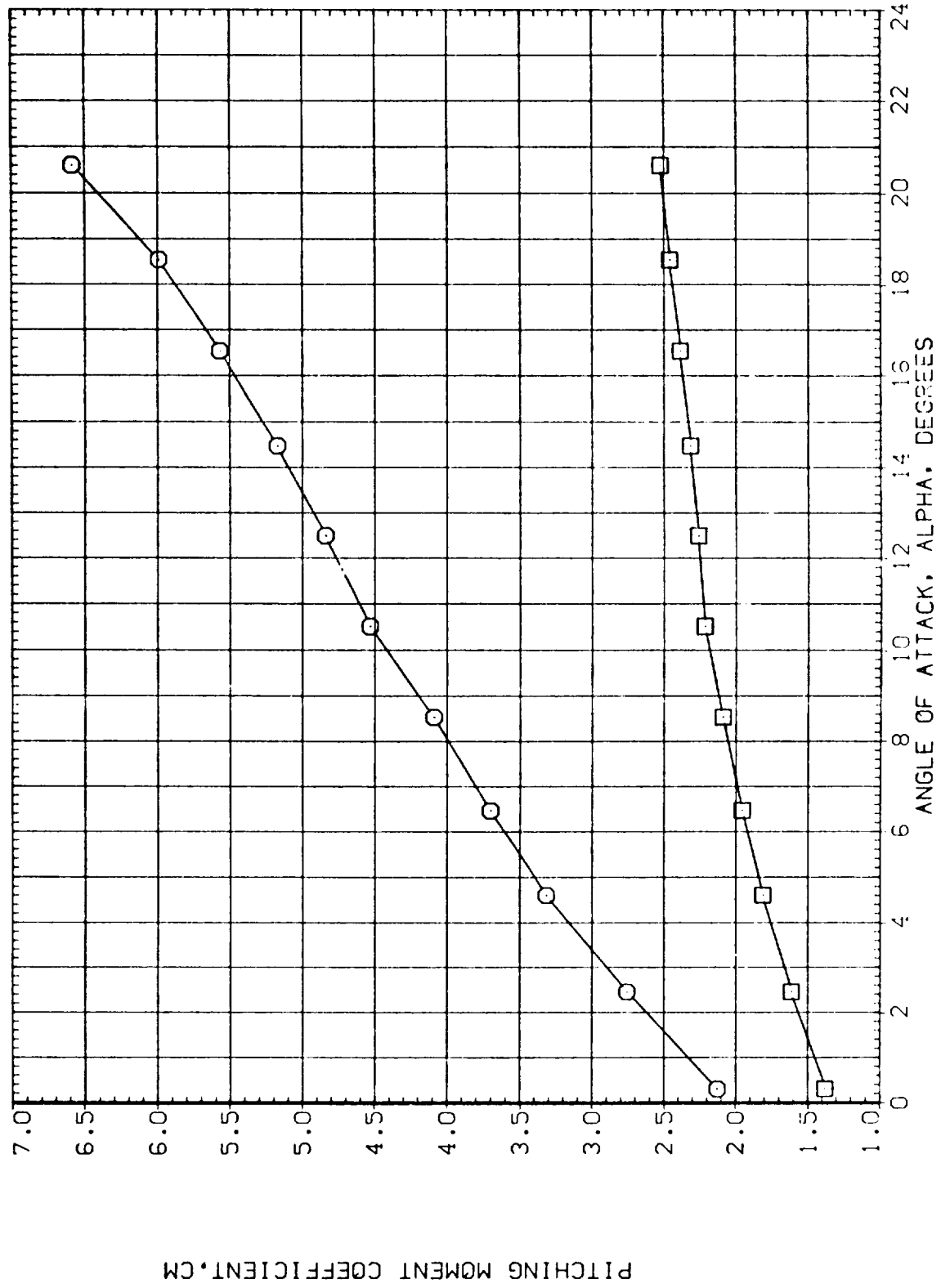


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA		PARAMETRIC VALUES			
	CM	MACH	BETA	D3	D4	
CM		D1	1.762	.000	.000	
CHB		D2	.000	.000	.000	
		D1-3	15.000	D4	15.000	
		PHI-C	.000	D2-4	15.000	

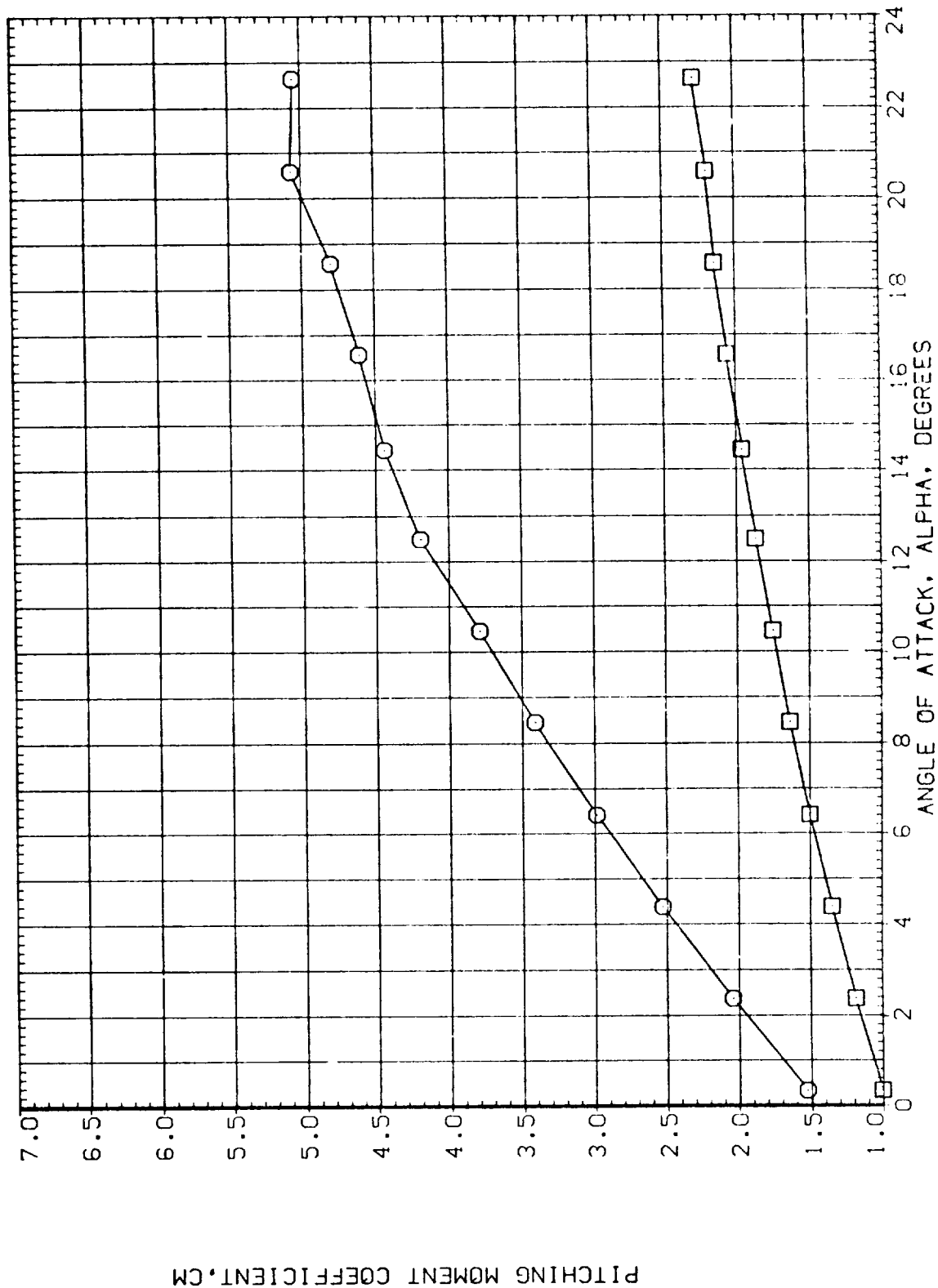


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(0EZ203)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	BETA	D3	D4
O	CA	.802	.000	.000	.000
	D1	.000	.000	.000	.000
	D2	15.000	.000	.000	.000
	D1-3	.000	.000	.000	.000
	PHI-C	.000	.000	.000	.000

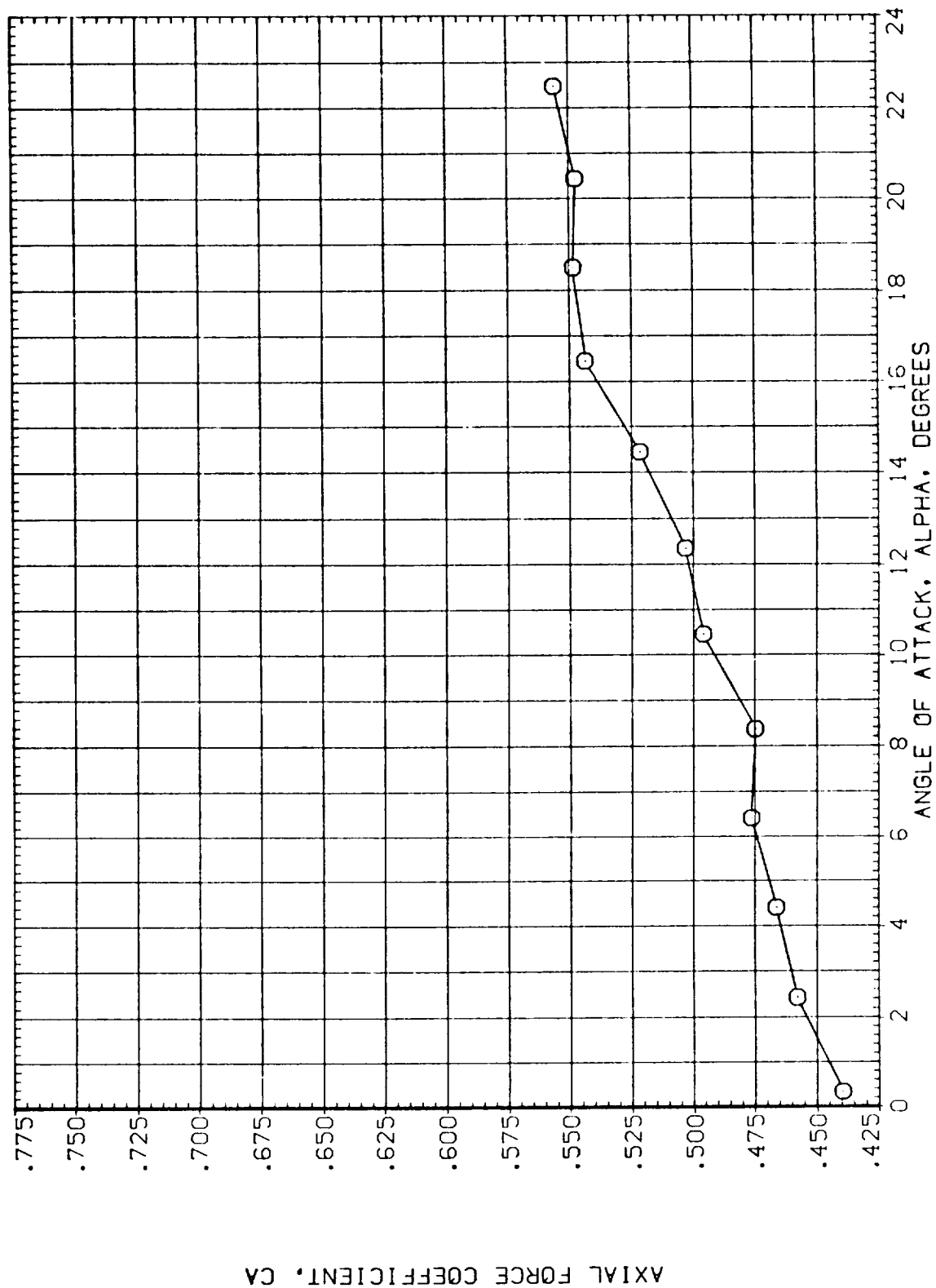


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.310	BETA	.000	.000
O	CA	D1	.000	D3	.000	.000
		D2	15.000	D4	15.000	15.000
		D1-3	.000	D2-4	15.000	15.000
		PHI-C	.000			

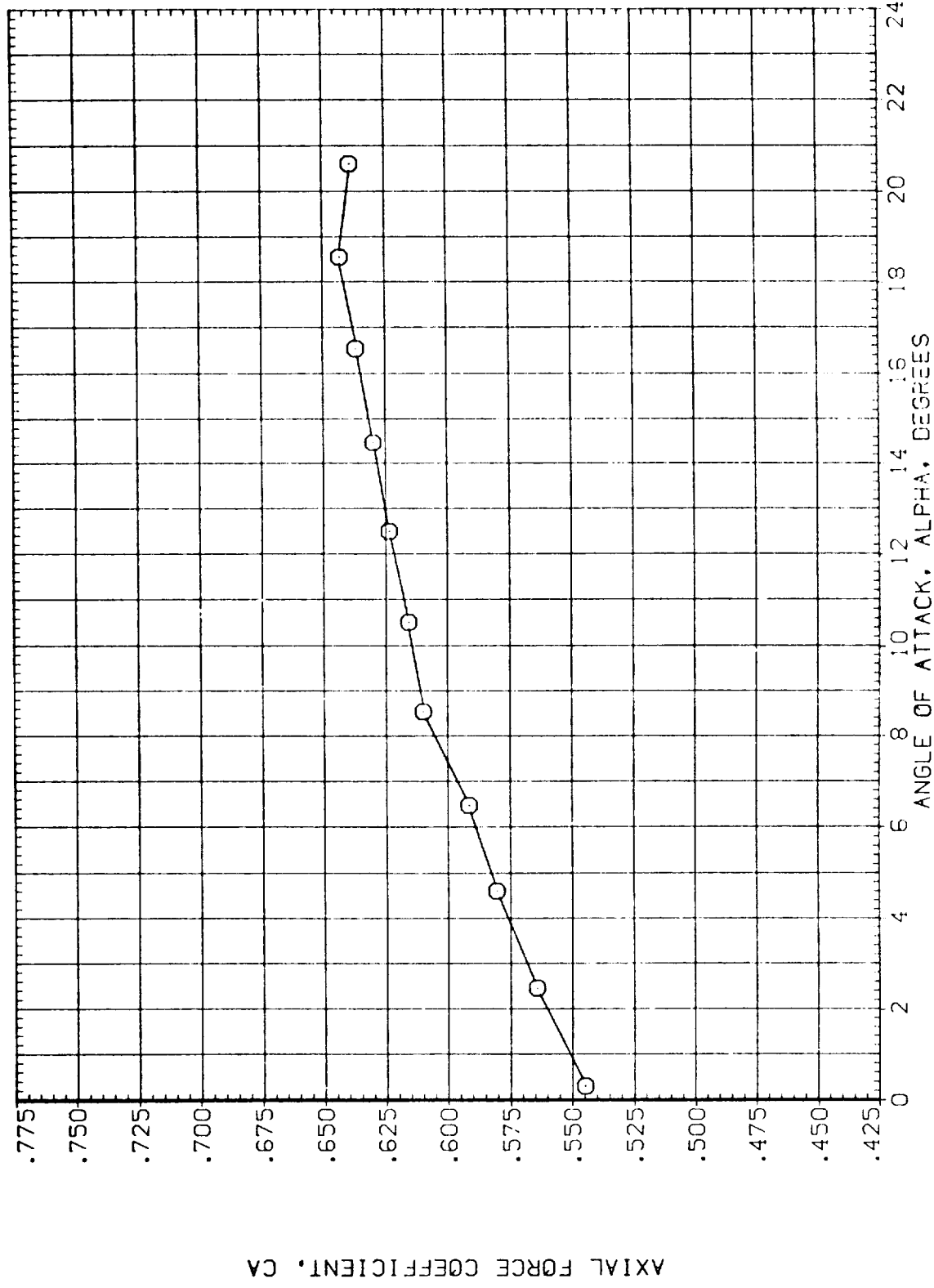


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(0EZ203)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	BETA	D3	D4
O	CA	D1	.000	.000	.000
		D2	15.000	15.000	15.000
		D1-3	.000	D2-4	15.000
		PHI-C	.000		

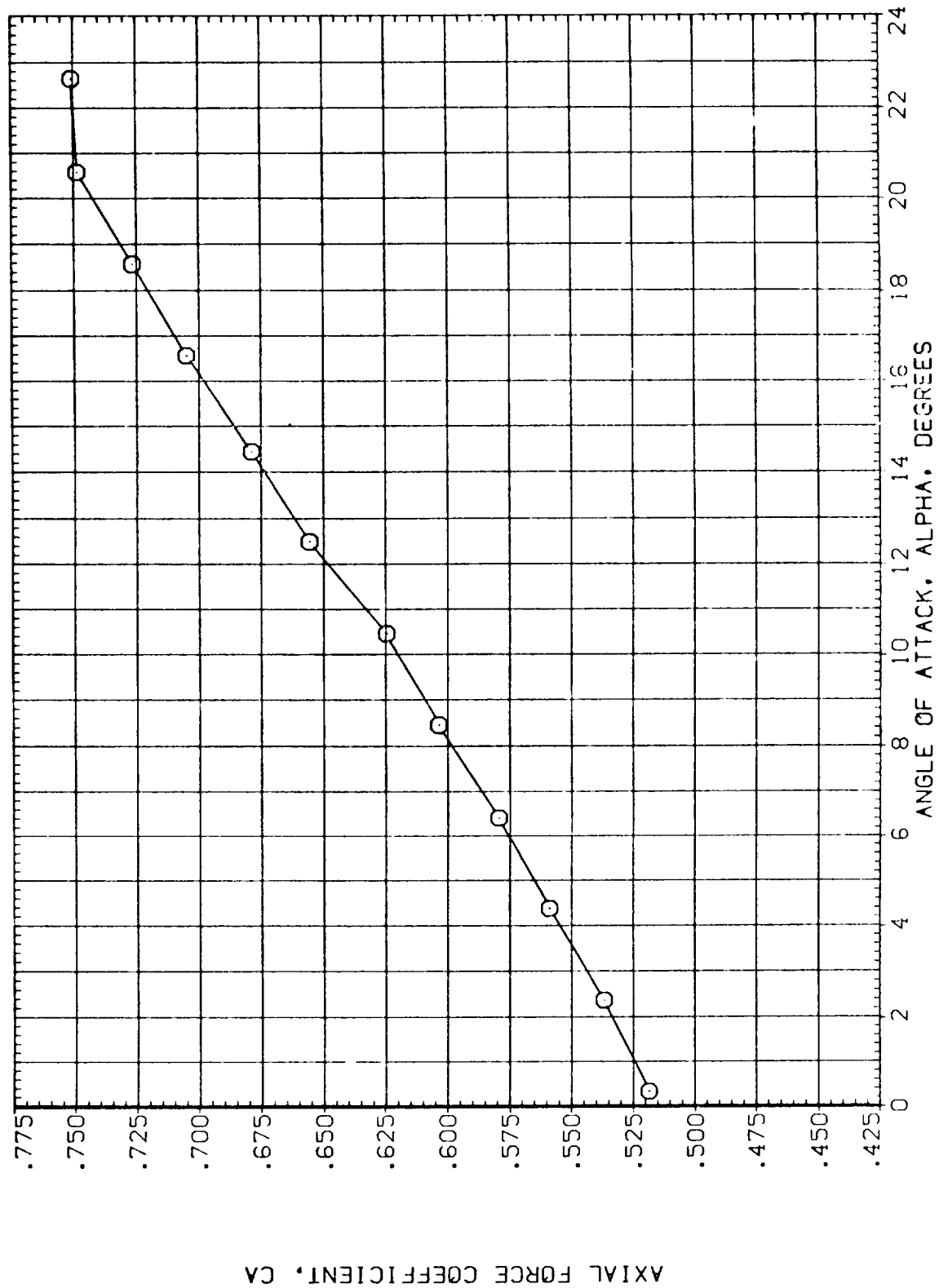


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	BETA	D3	D4	D2-4	PHI-C
○	CY	.802	.000	.000	.000	.000	.000
□	CYB	.000	.000	.000	.000	.000	.000
		D1	D2	D1-3			
		15.000	15.000	15.000			
		.000	.000	.000			
		.000	.000	.000			

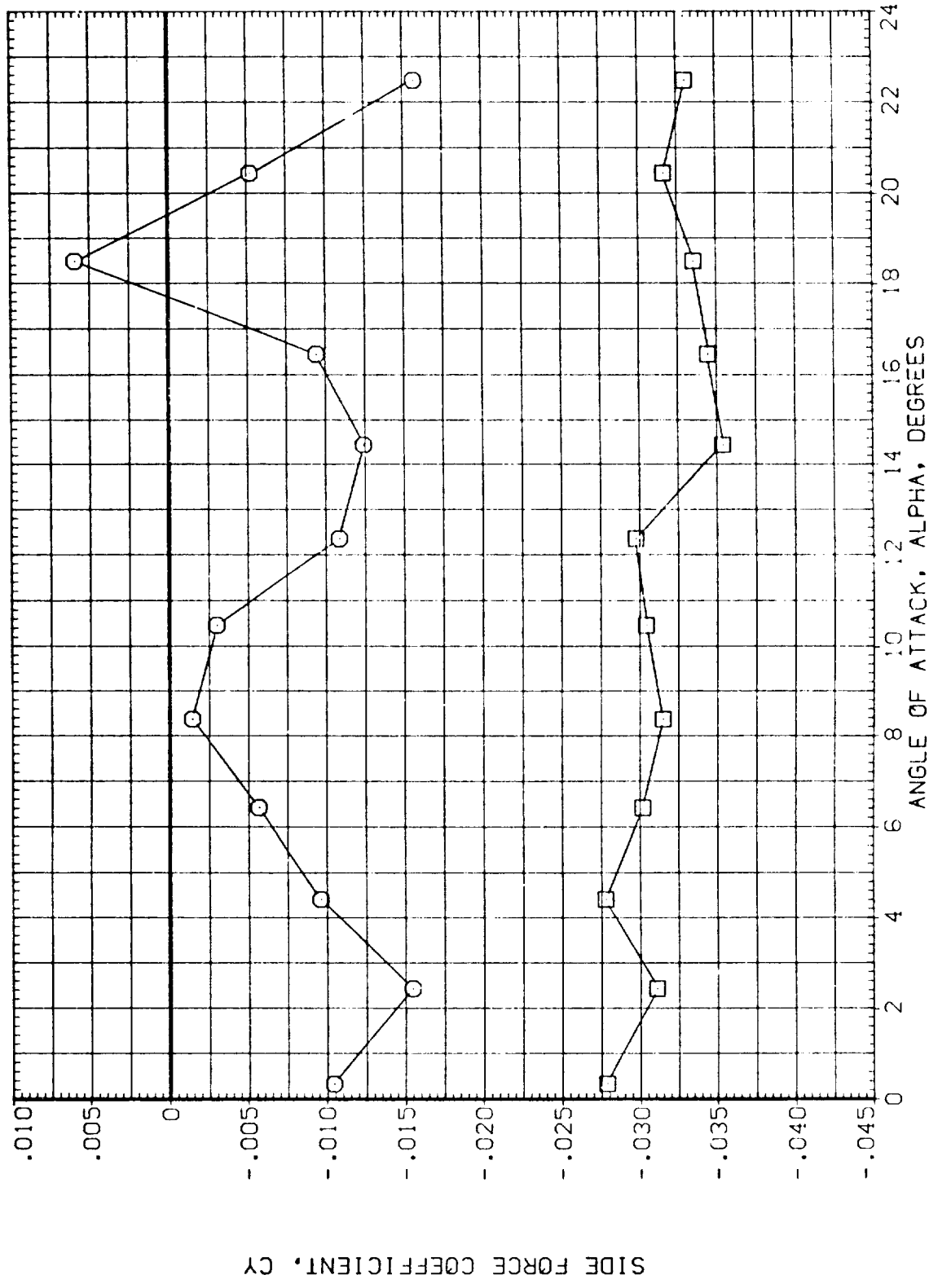


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 1 (BN3CS)

(CEZ203)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.310	BETA	.000		
○	CY	D1	.000	D3	.000		
□	CYB	D2	15.000	D4	15.000		
		D1-3	.000	D2-4	15.000		
		PHI-C	.000				

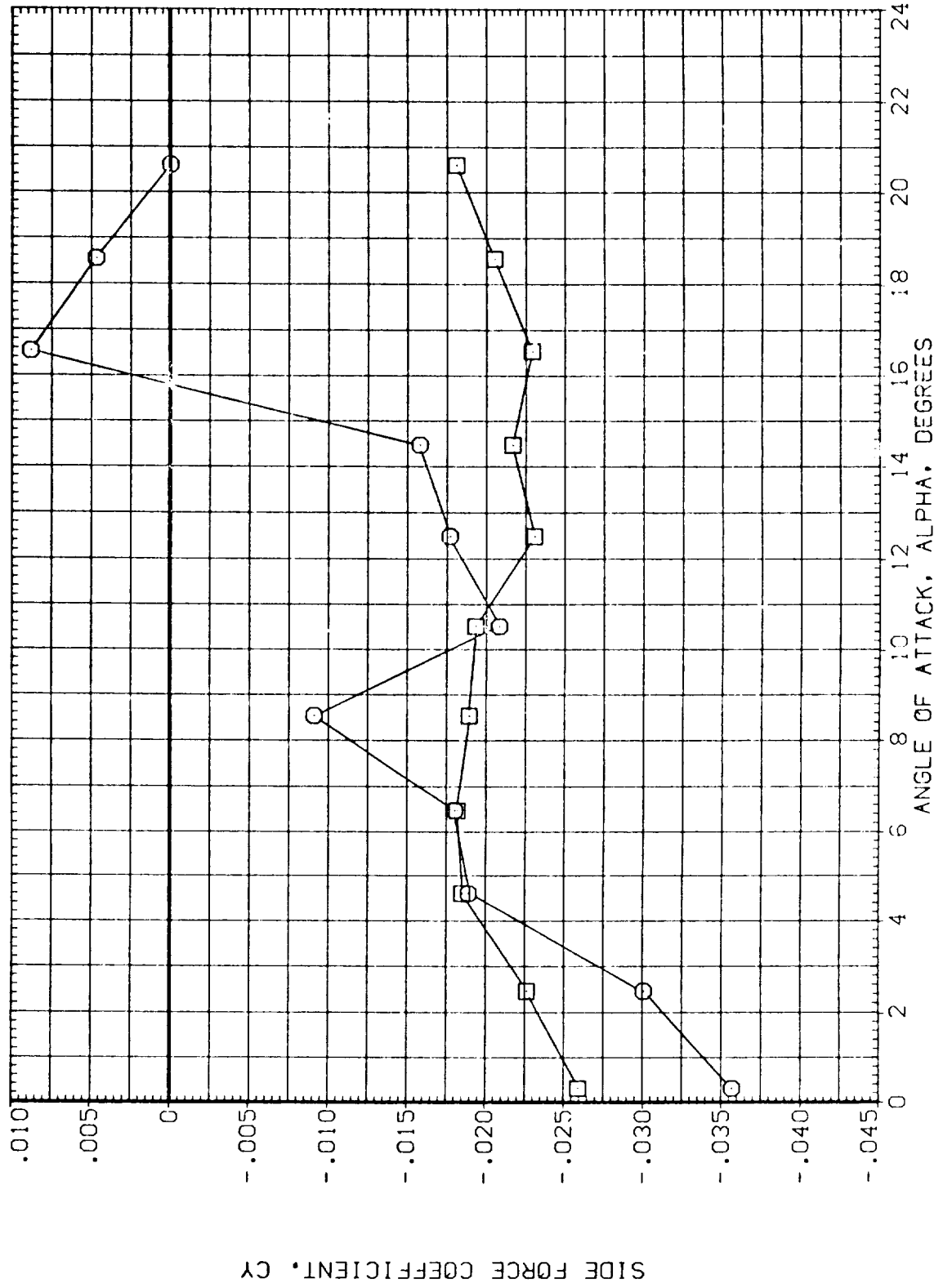


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	BETA	D3	D4	D2-4	
○	CY	1.762	.000	.000	.000	.000	
□	CYB	.000	.000	.000	.000	.000	
		D1	D2	D1-3	PHI-C		
		15.000	15.000	.000	.000		
		15.000	15.000	.000	.000		

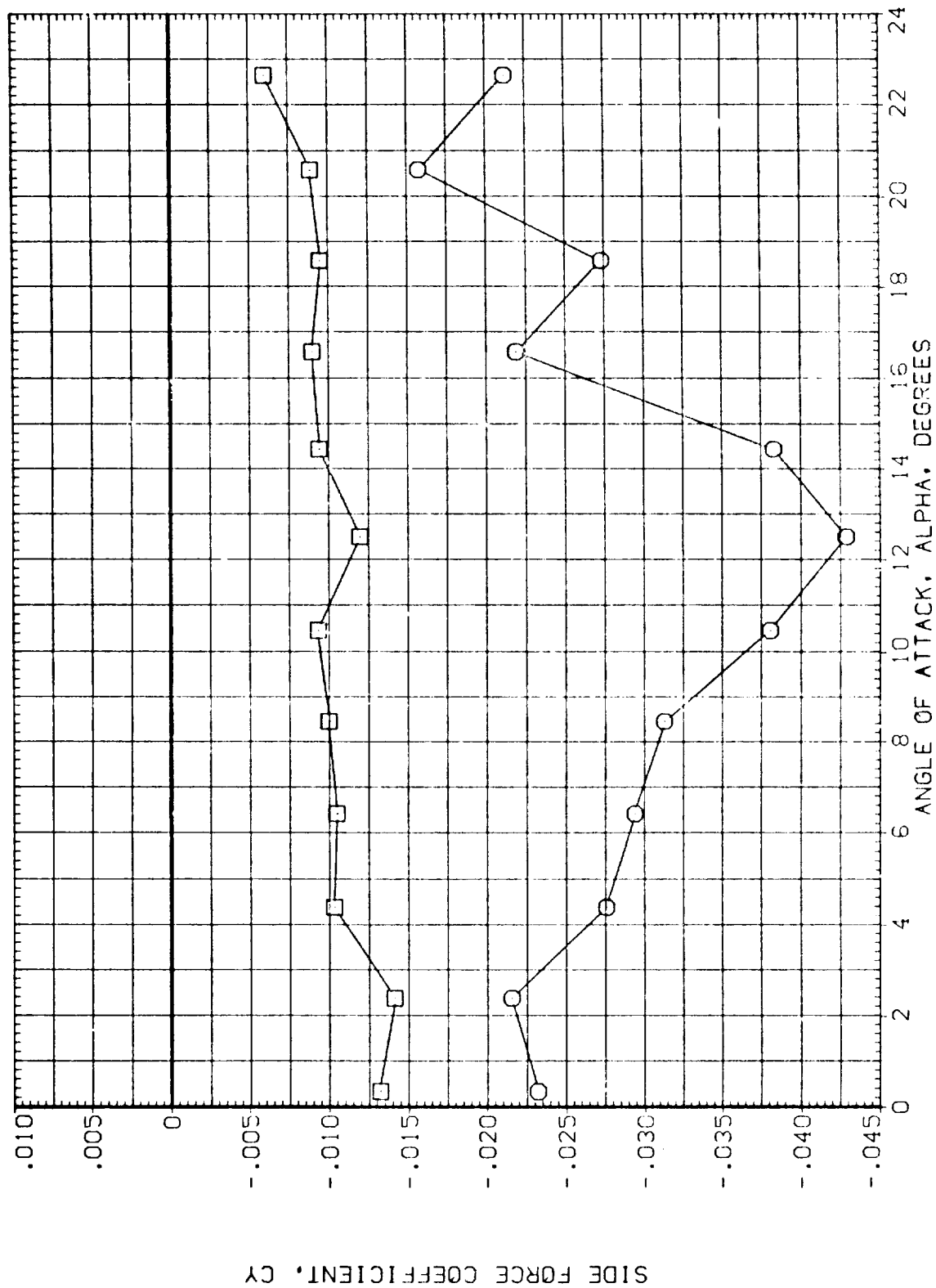


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

(CEZ203)

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
	CYM	D1	.802	BETA	.000	
	CYMB	D2	.000	D3	.000	
		D1-3	15.000	D4	15.000	
		PHI-C	.000	D2-4	15.000	

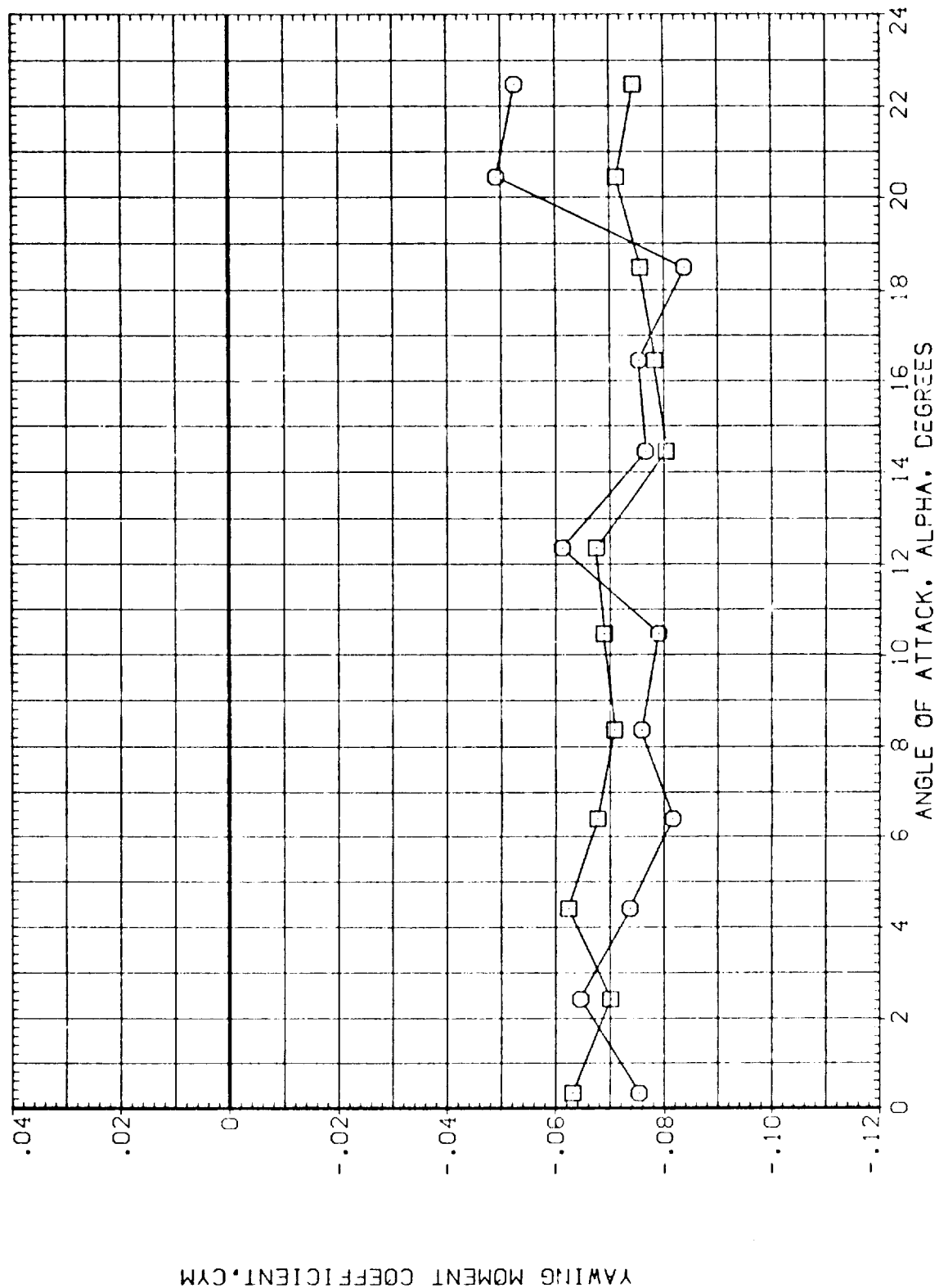


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	BETA	D3	D4
□	CYM	D1	.000	.000	.000
○	CYM	D2	15.000	15.000	15.000
		D1-3	.000	D2-4	15.000
		PHI-C	.000		

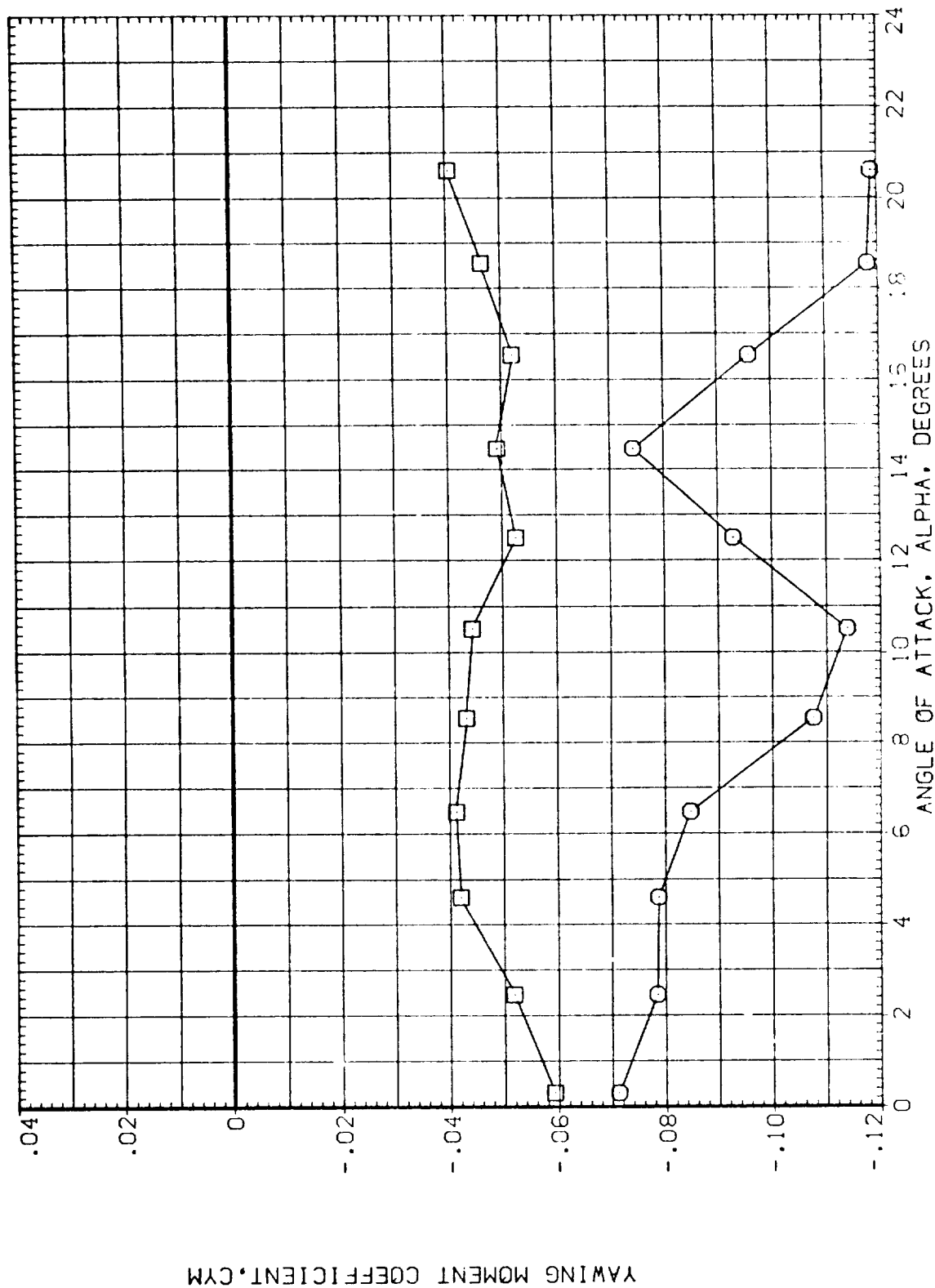


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

(CEZ203)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
	CYM	D1	1.762	BETA	.000	
	CYMB	D2	.000	D3	.000	
		D1-3	15.000	D4	15.000	
		PHI-C	.000	D2-4	15.000	

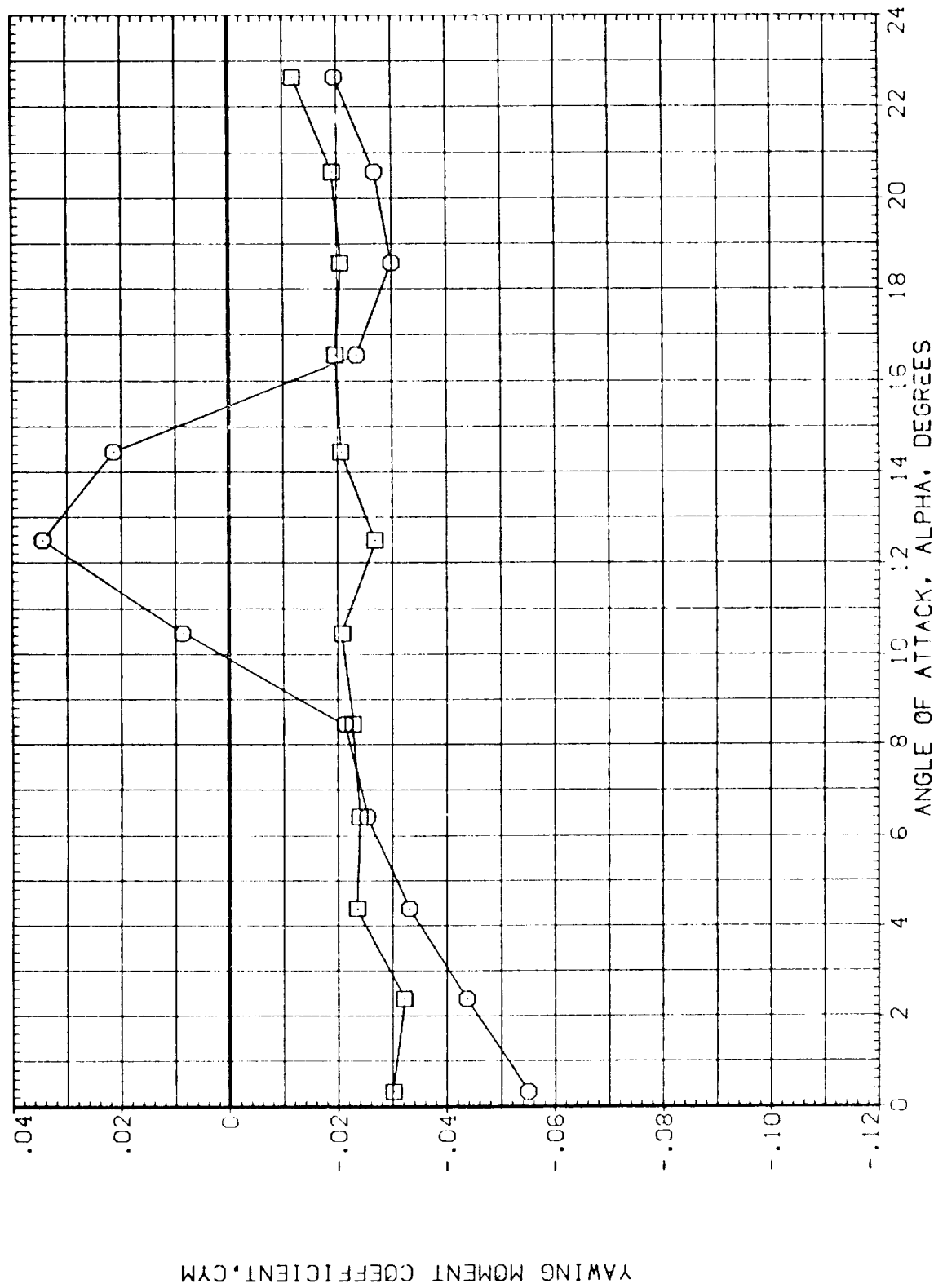


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	.802	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRMB	D2	15.000	D4	15.000		
		D1-3	.000	D2-4	15.000		
		PHI-C	.000				

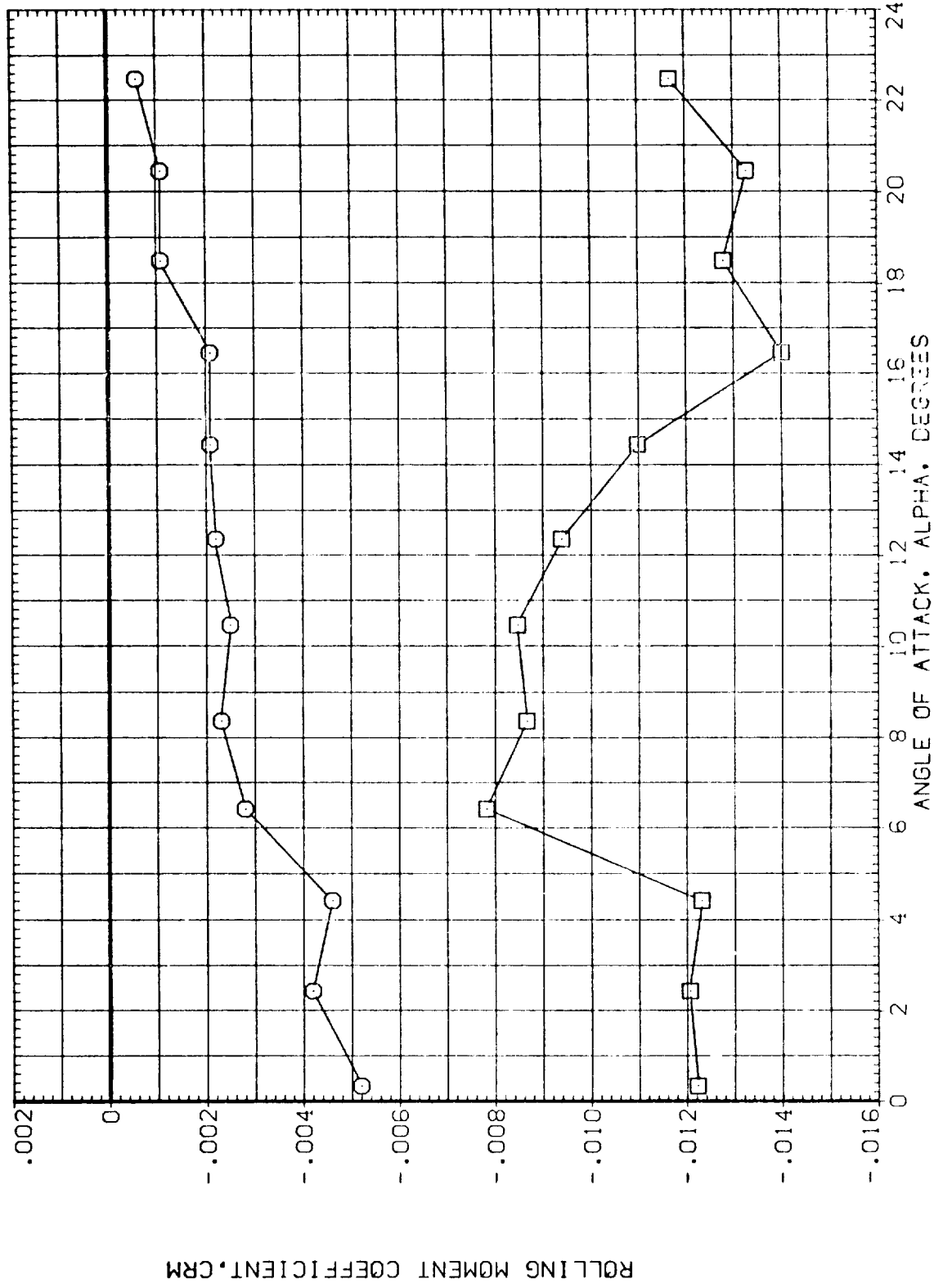


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 11 (BN3C6)

SYMBOL

DATA

□□

### PARAMETRIC VALUES

MACH	1.310	BETA	.000
D1	.000	D3	.000
D2	15.000	D4	15.000
D1-3	.000	D2-4	15.000
PHI-C	.000		

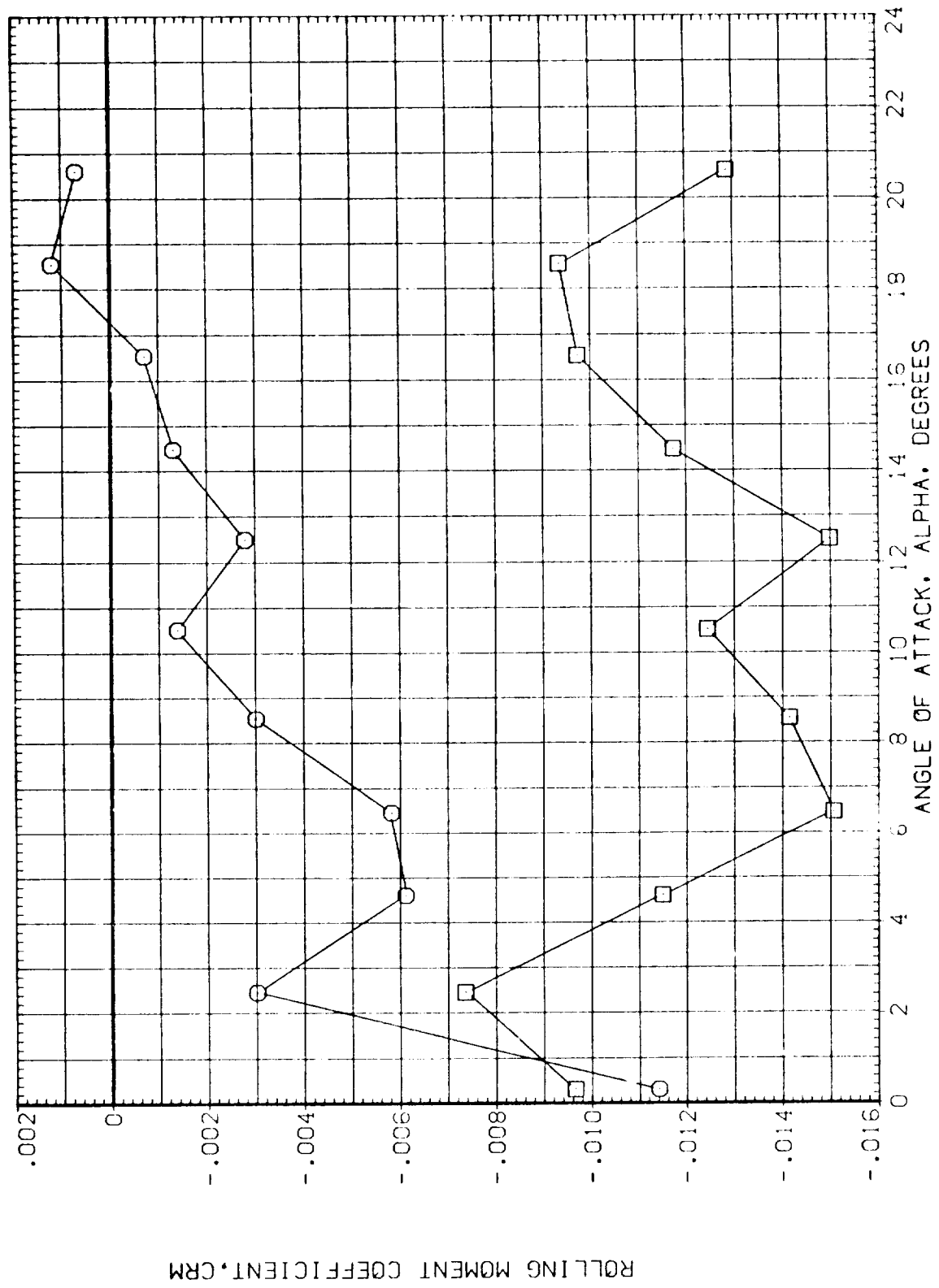


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D3	D4	PHI-C
○	CRM	D1	1.762	.000	.000	
□	CRMB	D2	.000	.000	15.000	
		D1-3	15.000	D4	15.000	
		PHI-C	.000	D2-4	15.000	

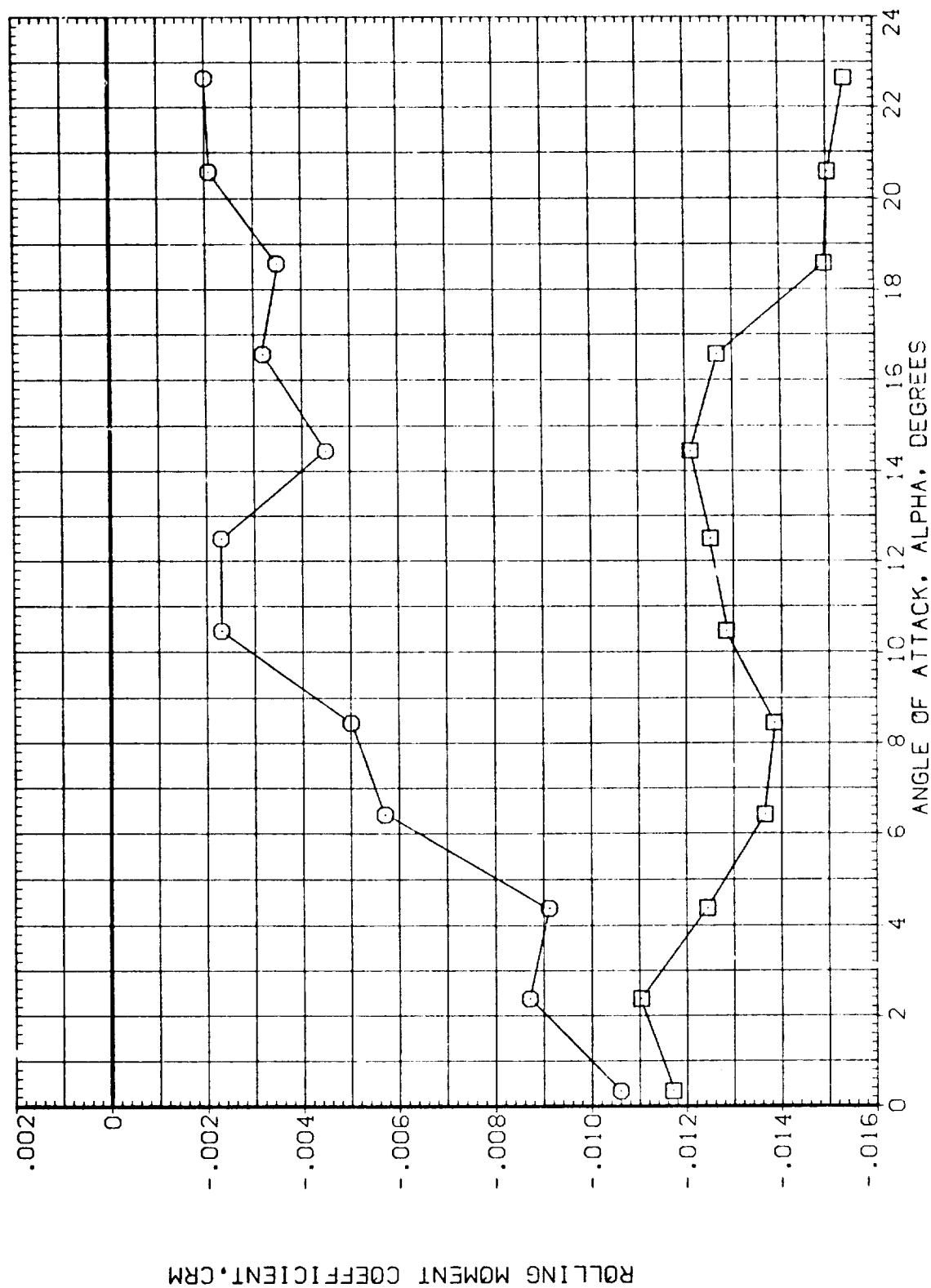


FIG. 7 BODY-CANARD CHARACTERISTICS, MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 16 (BN3C7T1)

(LEZ253)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CN	.802	BETA .000
□	CNC	.000	D3 .000
◇	CNT	.000	D4 .000
△	CNB	.000	D2-4 .000
		.000	PHI-T .000
		.000	PHI-C

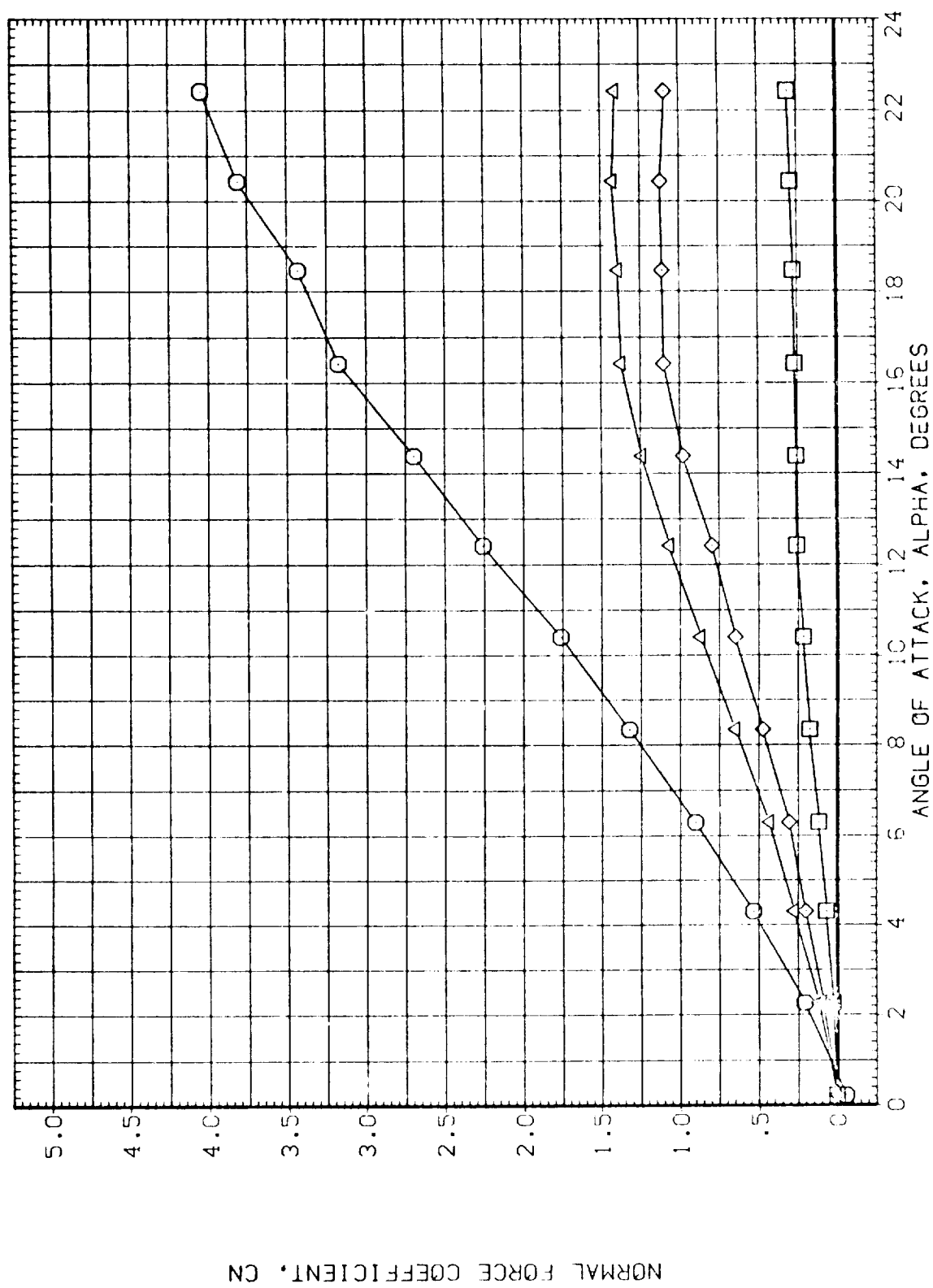


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CN	MACH	1.308	BETA	.000		
○	CNC	D1	.000	D3	.000		
□	CNT	D2	.000	D4	.000		
◇	CNB	D1-3	.000	D2-4	.000		
△		PHI-C	.000	PHI-T	.000		

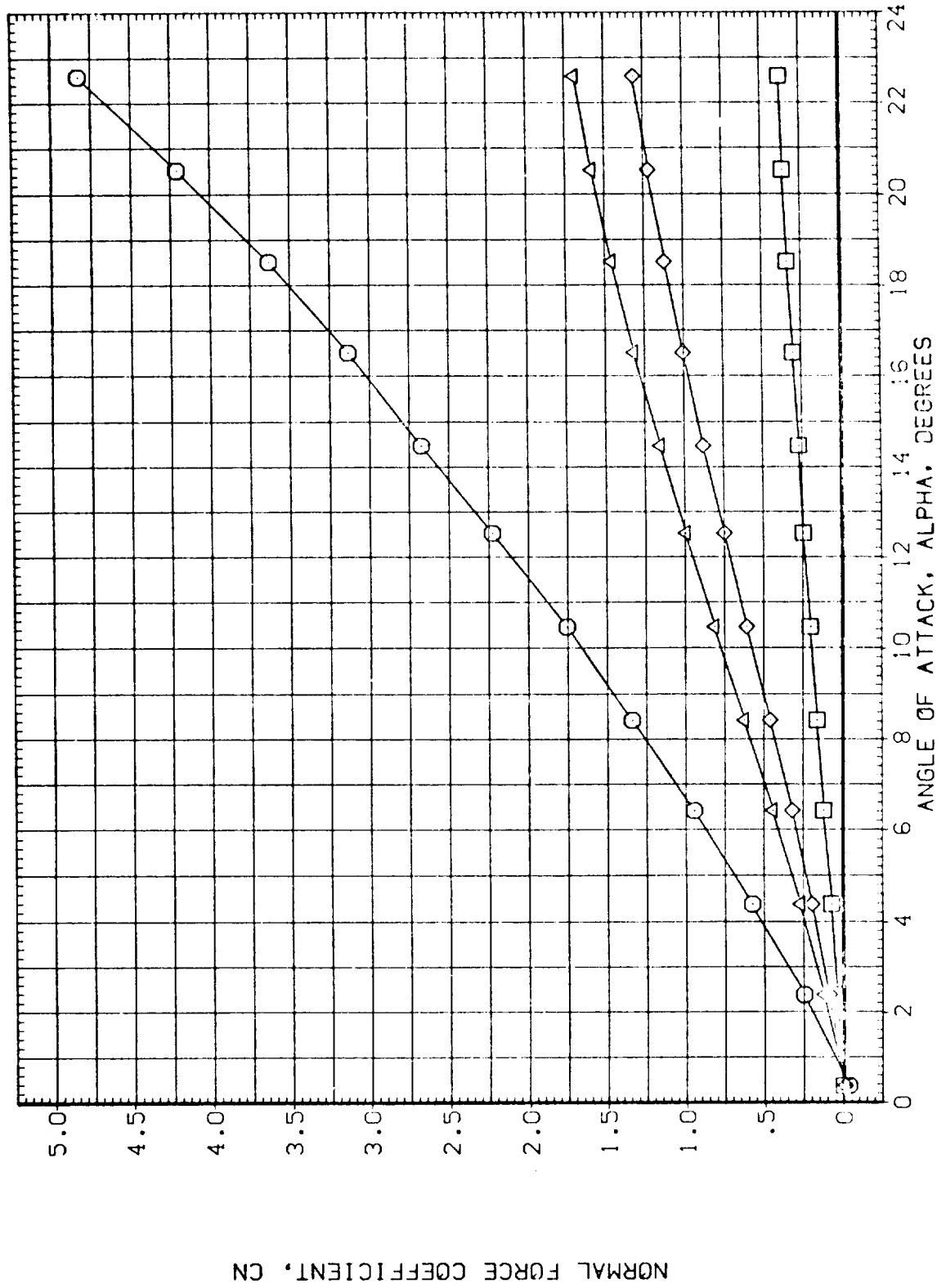


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(LEZ253)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CN	1.757	BETA .000
□	CNC	D1 .000	D3 .000
◇	CNT	D2 .000	D4 .000
△	CNB	D1-3 .000	D2-4 .000
		PHI-C .000	PHI-T .000

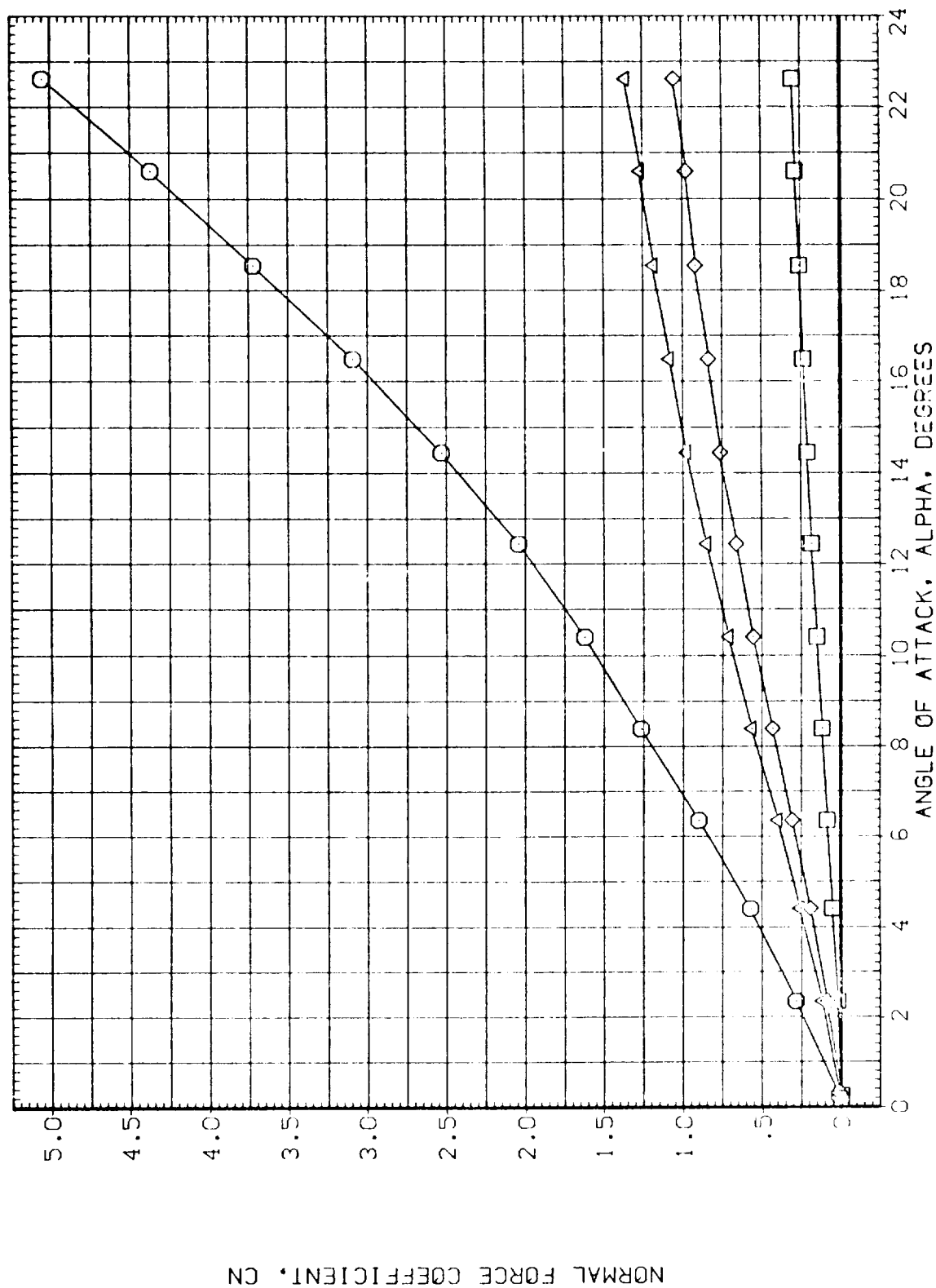


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CM	CMC	MACH	.802	BETA	.000	
○	CM	CMC	D1	.000	D3	.000	
□	CM	CMC	D2	.000	D4	.000	
◇	CM	CMC	D1-3	.000	D2-4	.000	
△	CM	CMC	PHI-C	.000	PHI-T	.000	



FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(LEZ253)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	1.308
□	CMC	BETA
◇	CMT	D1
△	CMB	D2
		D1-3
		PHI-C
		PHI-T
		PHI-T

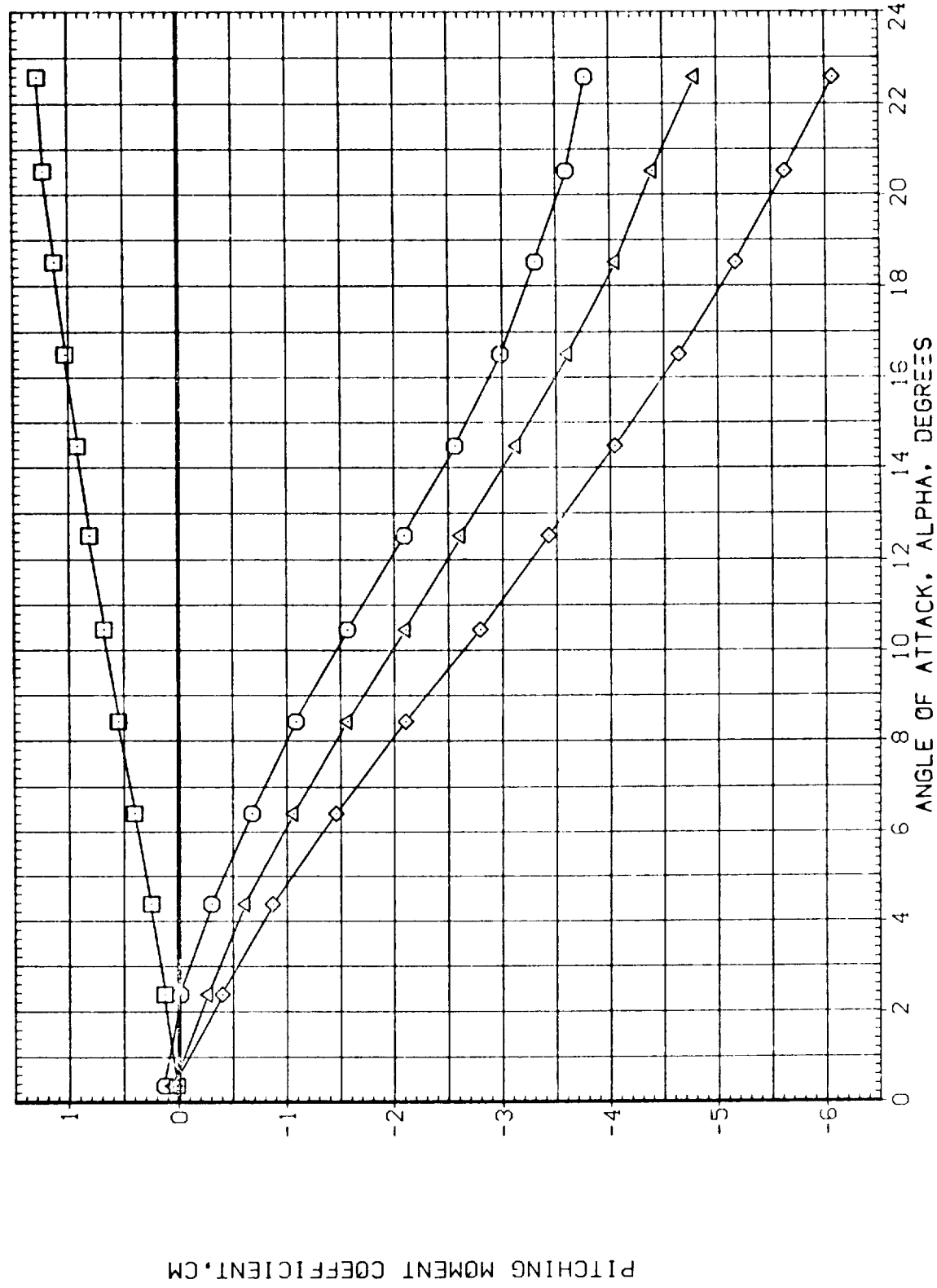


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.757	BETA	.000		
○	CM	D1	.000	D3	.000		
□	CMC	D2	.000	D4	.000		
◇	CMT	D1-3	.000	D2-4	.000		
△	CMB	PHI-C	.000	PHI-T	.000		

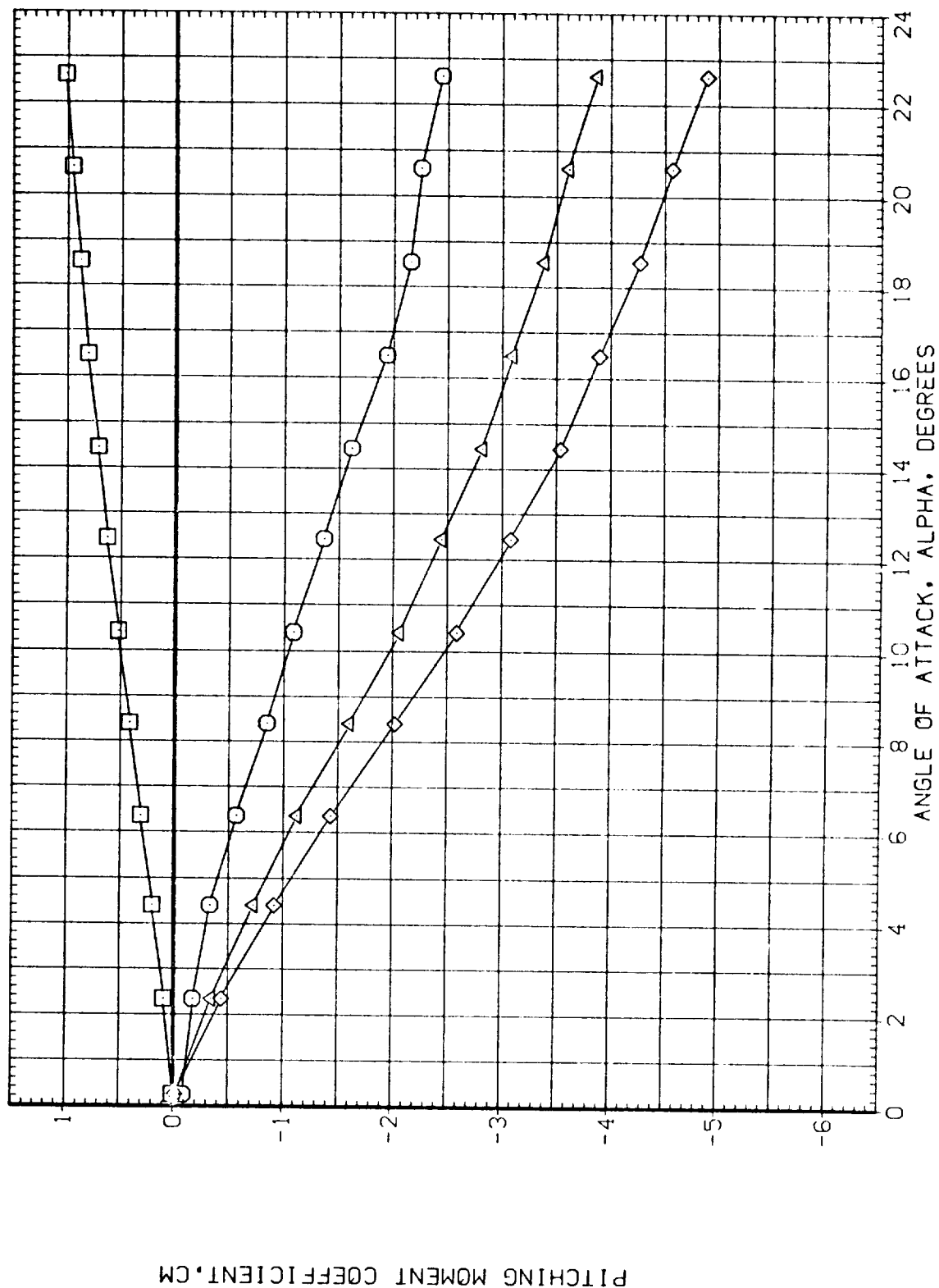


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ253)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	.802	BETA	.000		
	CA	D1	.000	D3	.000		
		D2	.000	D4	.000		
		D1-3	.000	D2-4	.000		
		PHI-C	.000	PHI-T	.000		

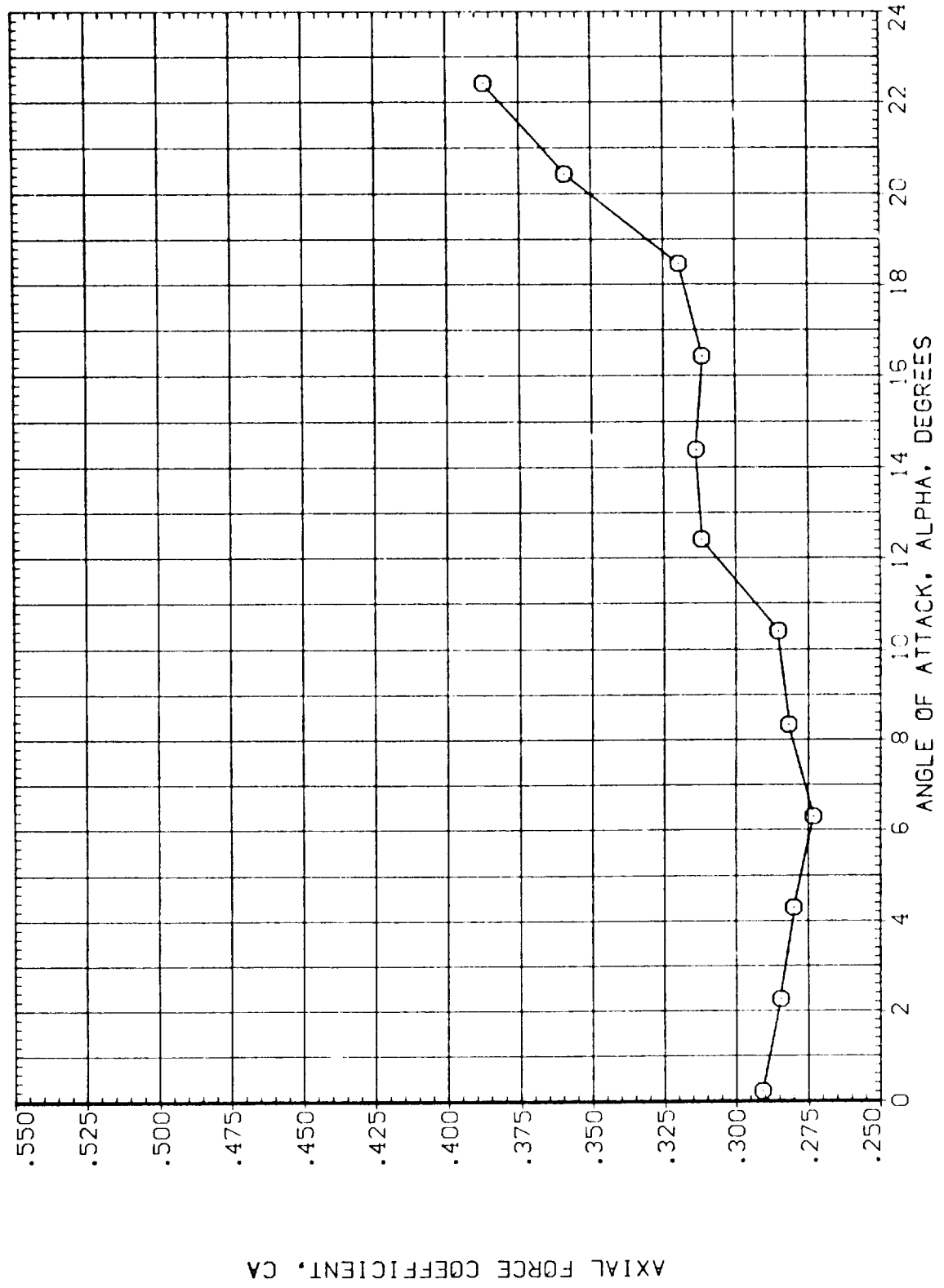


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	BETA	D1	D2
O	CA	1.308	.000	.000	.000
		D1	.000	D3	.000
		D2	.000	D4	.000
		D1-3	.000	D2-4	.000
	PHI-C	.000	PHI-T	.000	

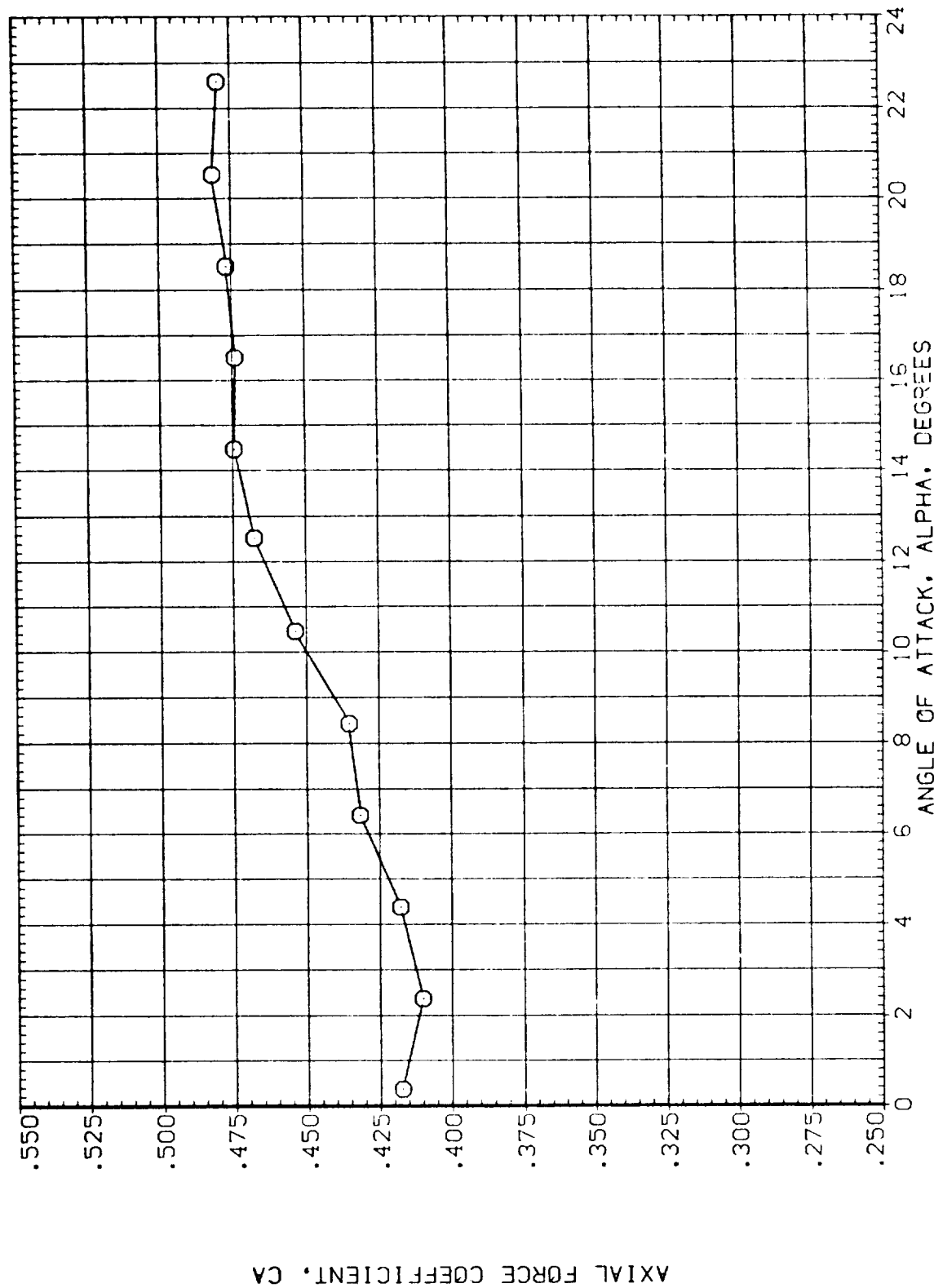


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



(0EZ253)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.757	BETA	.000	
O	CA	D1	.000	D3	.000	
		D2	.000	D4	.000	
		D1-3	.000	D2-4	.000	
		PHI-C	.000	PHI-T	.000	

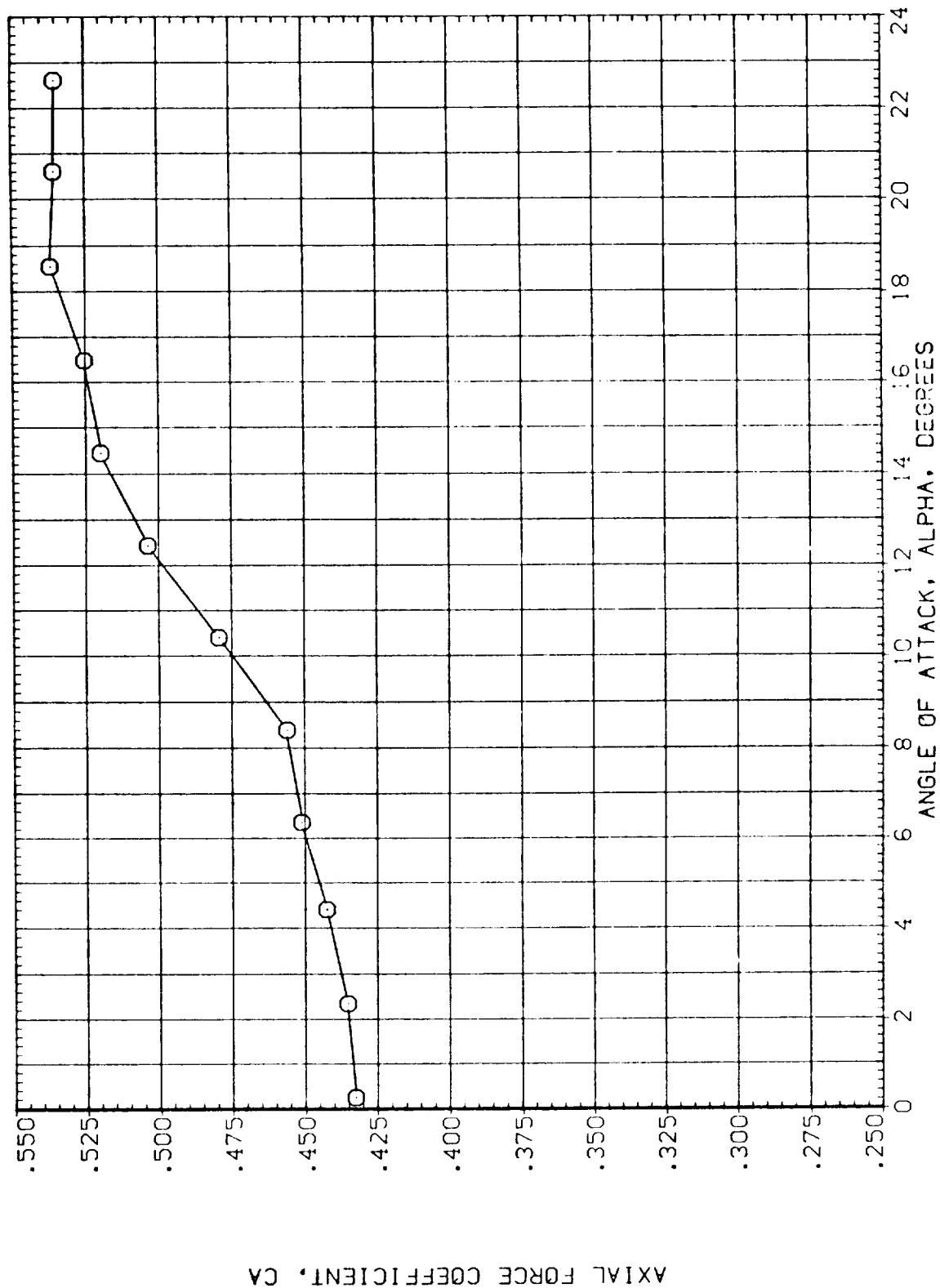


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CY	.802	BETA .000
□	CYC	D1	D3 .000
◇	CYT	D2	D4 .000
△	CYB	D1-3	D2-4 .000
		PHI-C	PHI-T .000

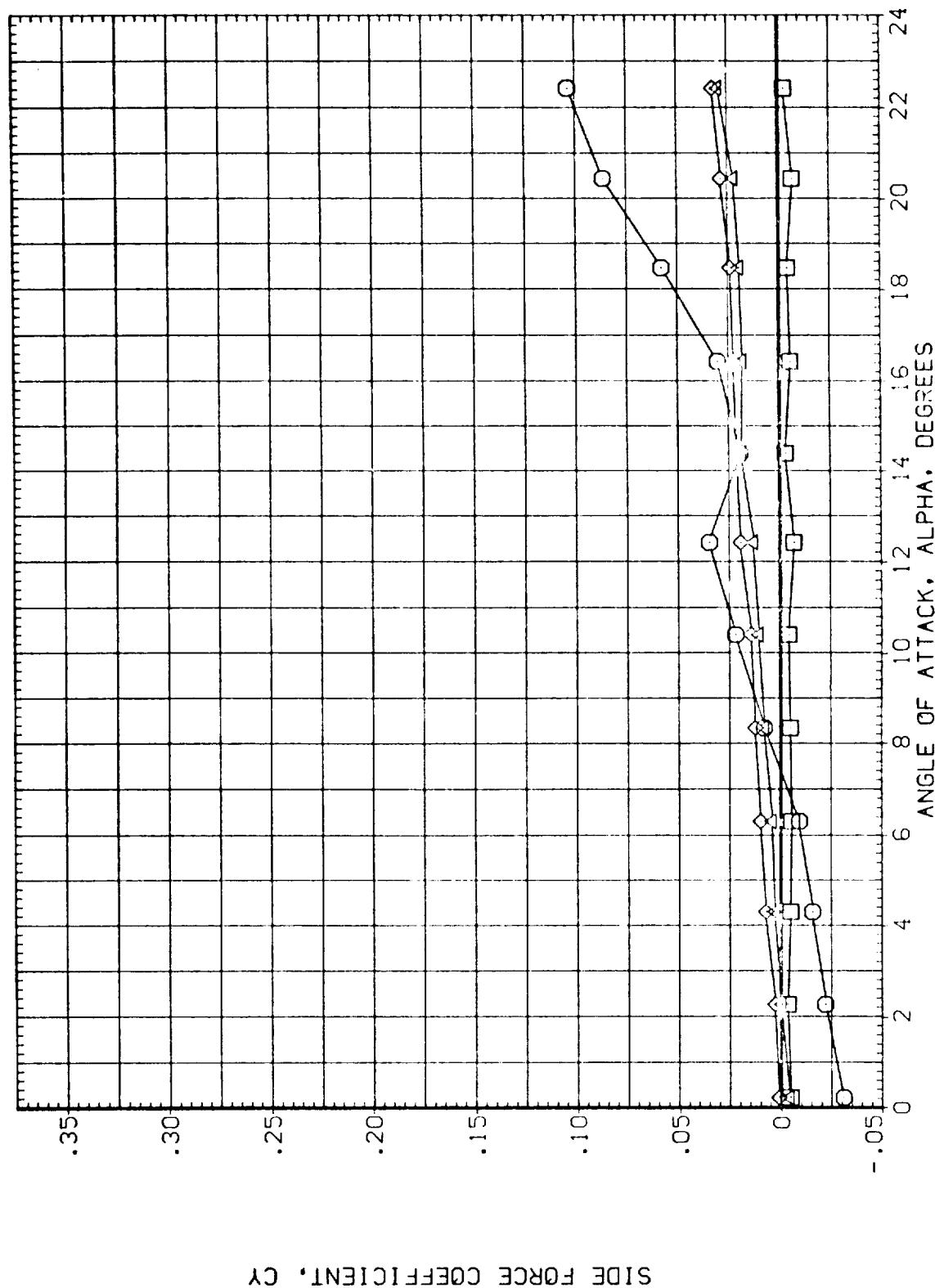


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(MEZ253)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CY	1.308	BETA .000
□	CYC	D1	D3 .000
◇	CYT	D2	D4 .000
△	CVB	D1-3	D2-4 .000
		PHI-C	PHI-T .000

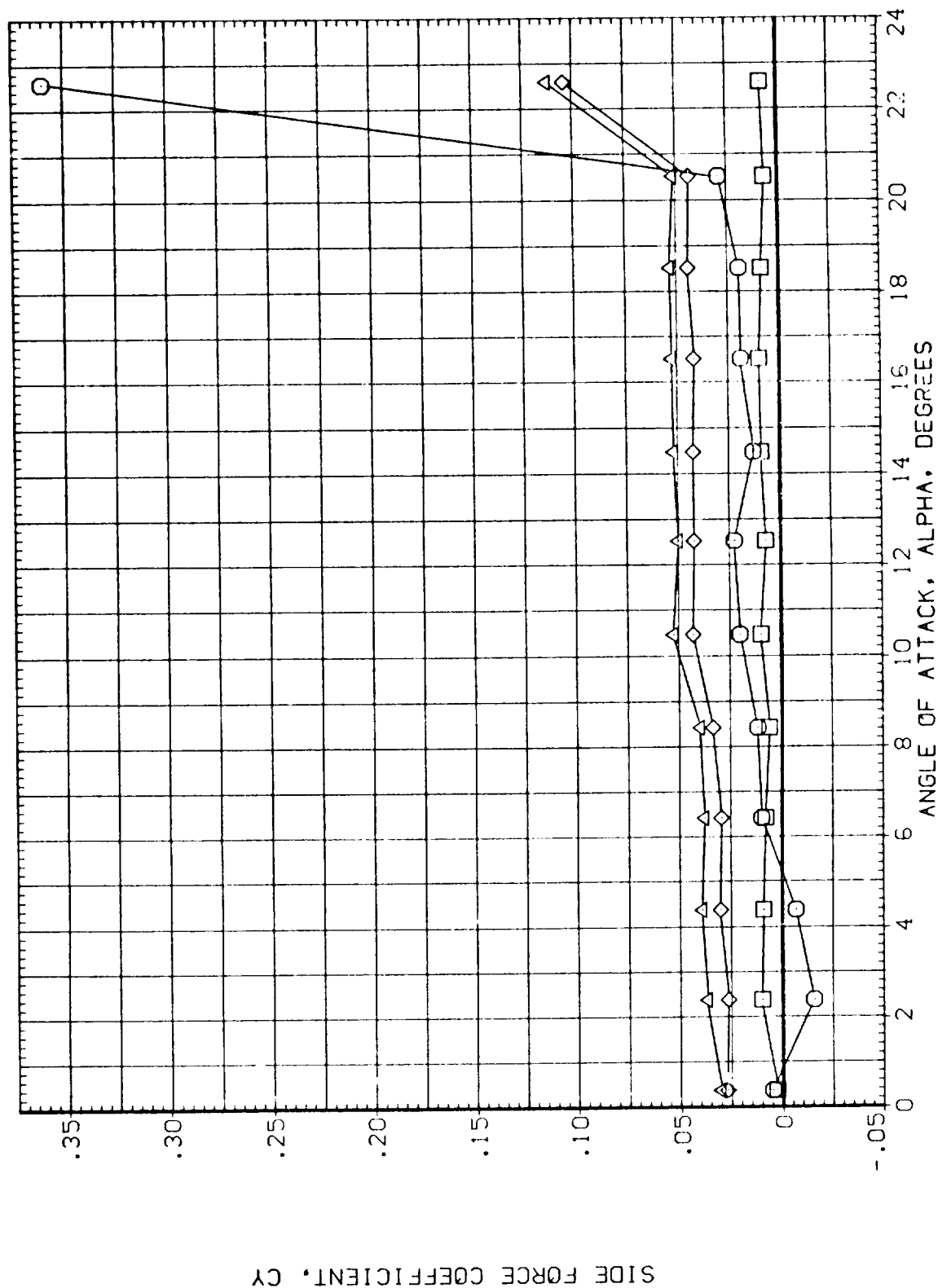


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CY	MACH	1.757	BETA	D3	D4
○	CYC	D1	.000	.000	.000	.000
□	CYT	D2	.000	.000	.000	.000
◇	CYB	D1-3	.000	.000	.000	.000
△		PHI-C	.000	.000	.000	.000

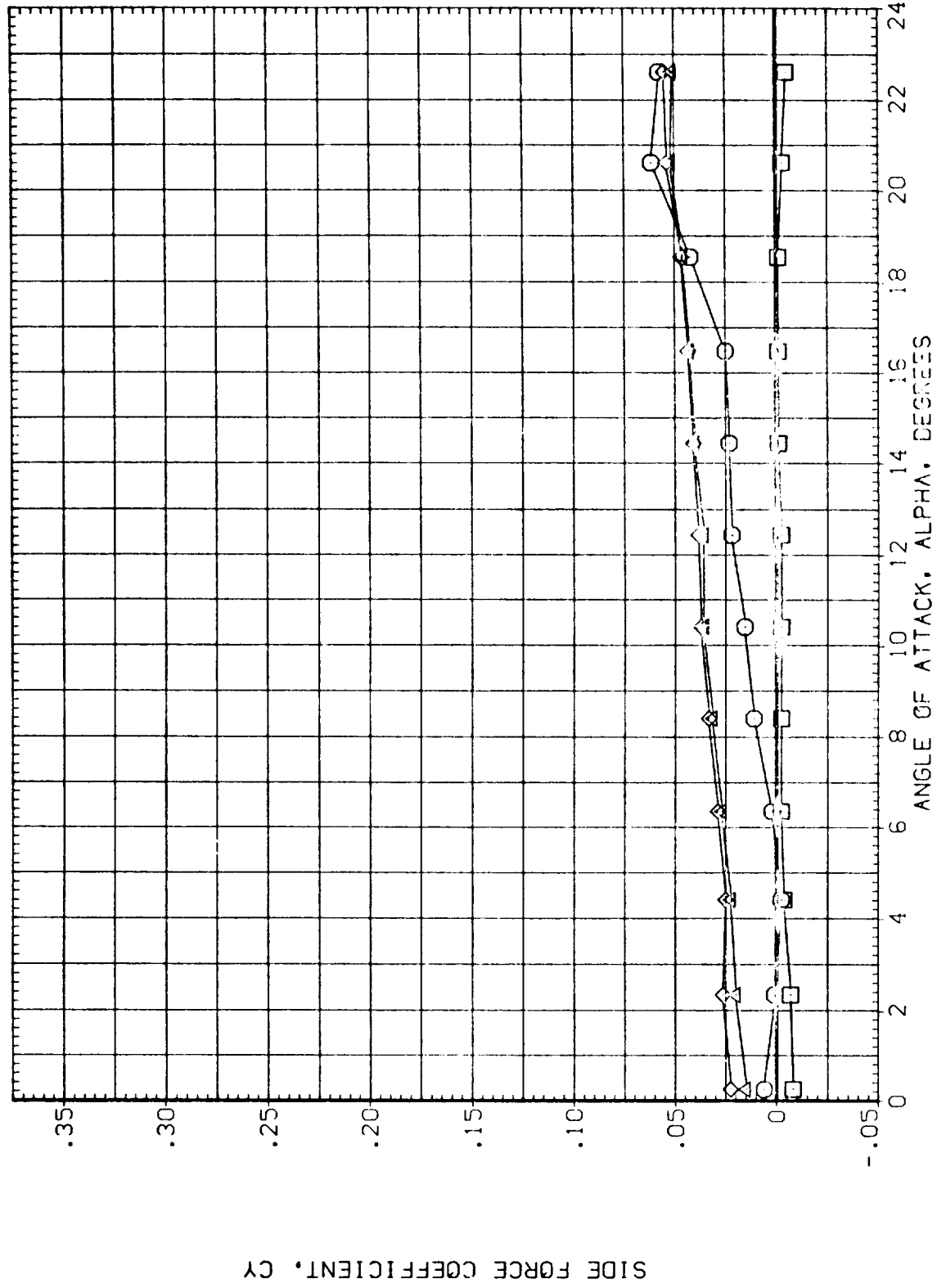


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ253)

CONFIGURATION 16 (BN3C7T1)

DATA	PARAMETRIC VALUES
CYM	.802
CYMC	.000
CYMT	.000
CYMB	.000
D1	.000
D2	.000
D1-3	.000
PHI-C	.000
PHI-T	.000

SYMBOL  
 ○  
 □  
 ◇  
 △

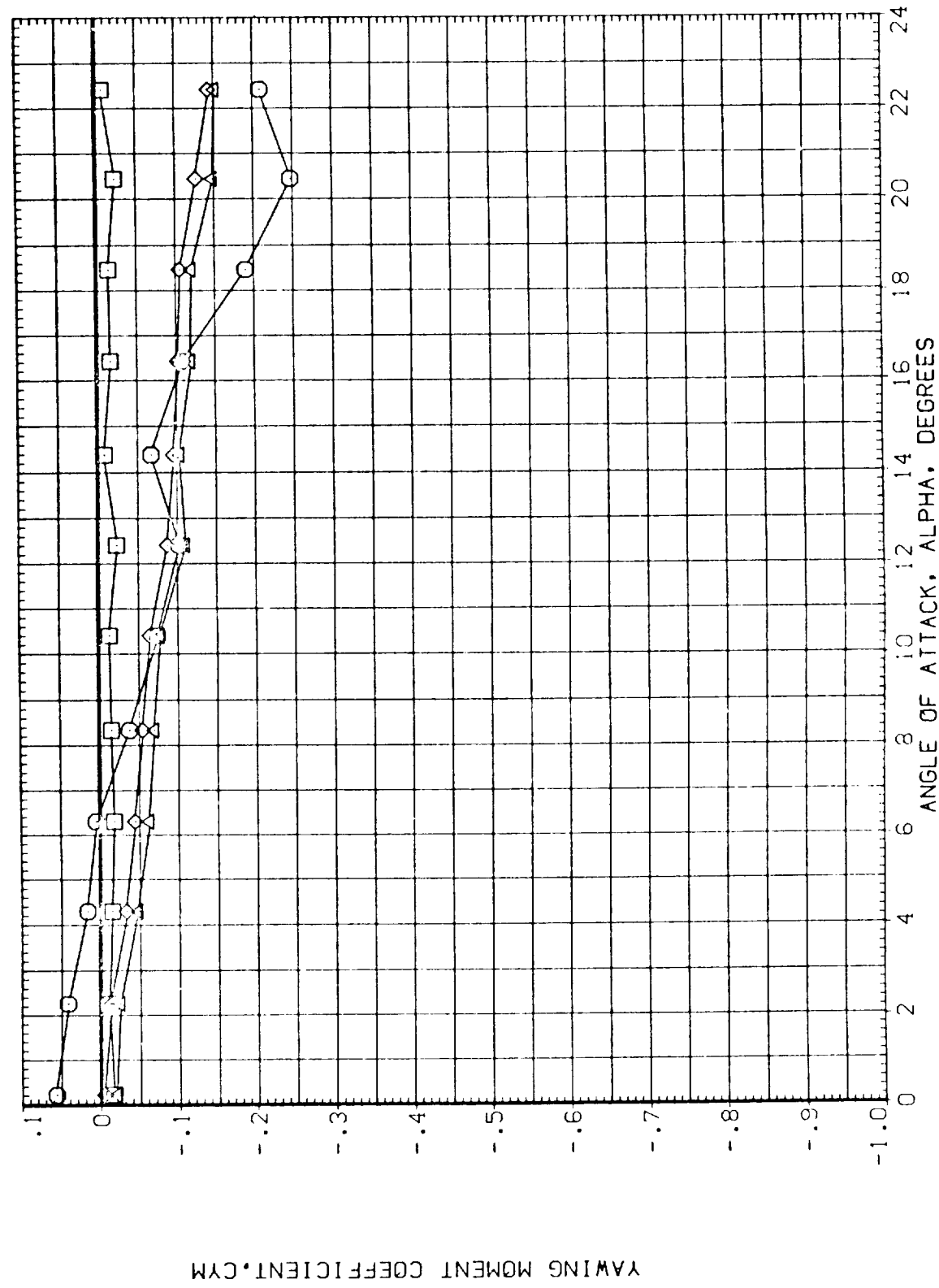


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

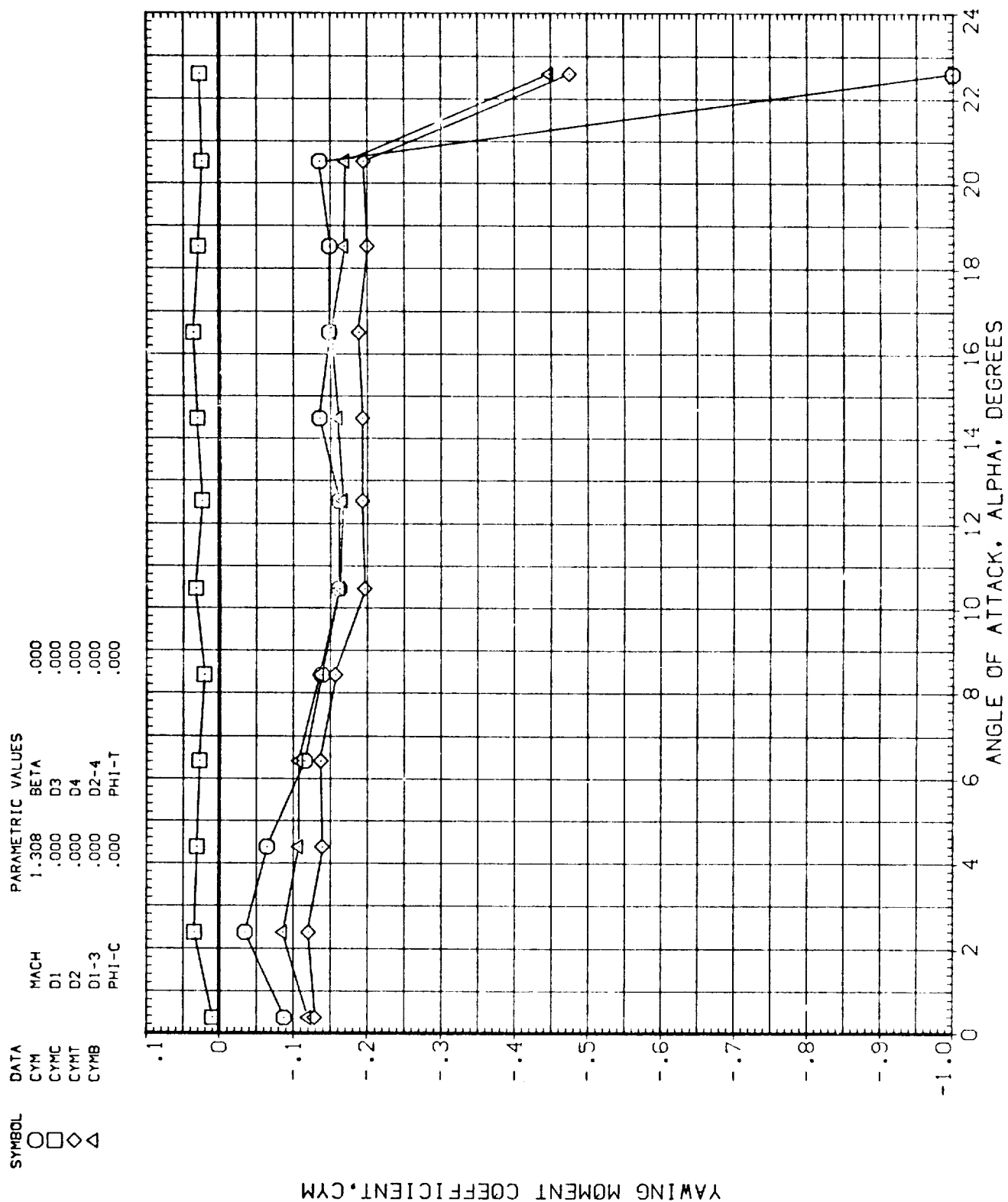


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(MEZ253)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
○	CYM	1.757	BETA	.000
□	CYMC	.000	D3	.000
◇	CYMT	.000	D4	.000
△	CYMB	.000	D2-4	.000
		PHI-C	PHI-T	.000

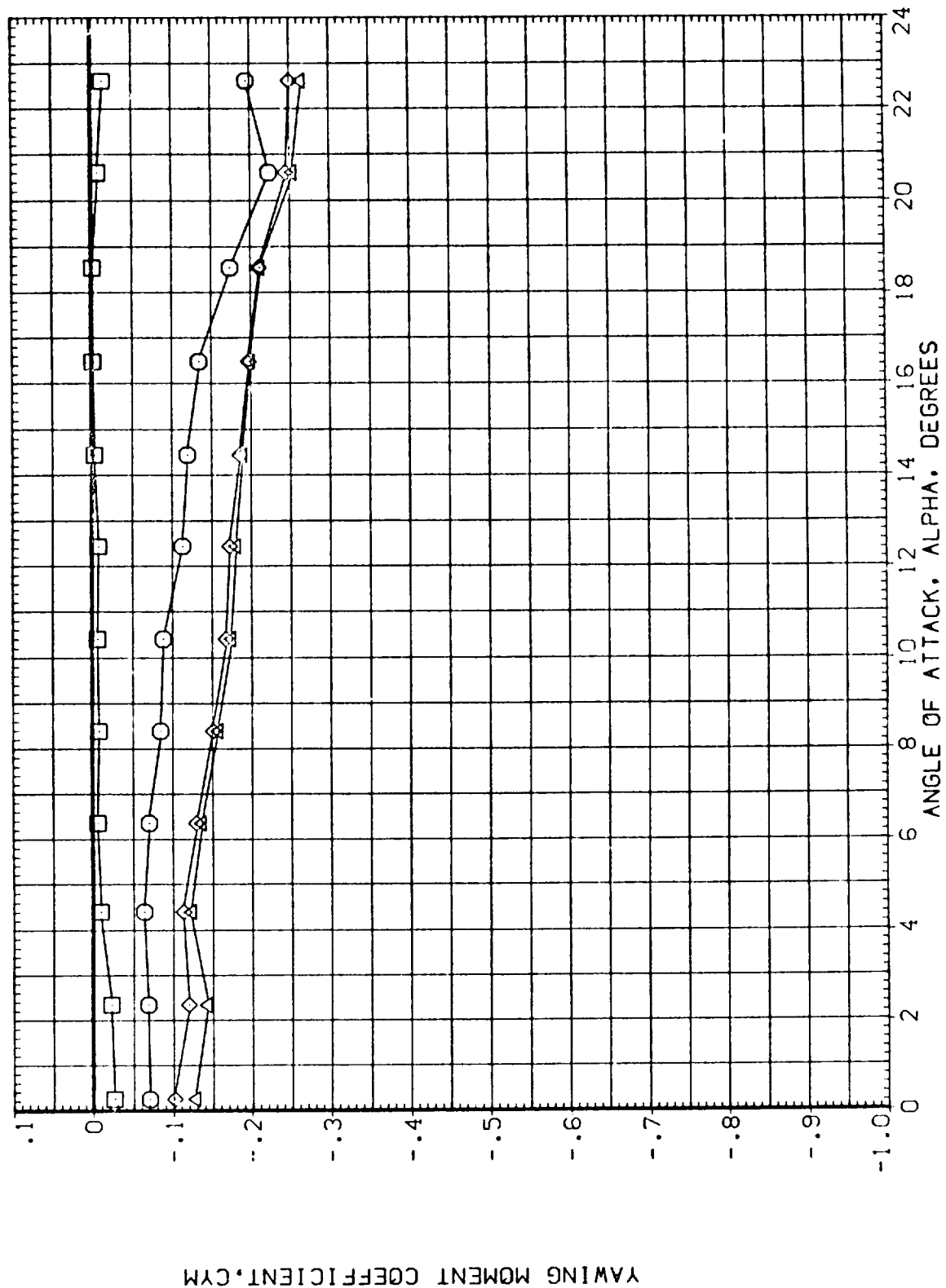


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES						
	CRM	CRMC	MACH	.802	BETA	D1	D3	D4	PHI-T
○	CRM	CRMC	D1	.000	.000	.000	.000	.000	.000
□	CRM	CRMC	D2	.000	.000	.000	.000	.000	.000
◇	CRM	CRMC	D1-3	.000	.000	.000	.000	.000	.000
△	CRM	CRMC	PHI-C	.000	.000	.000	.000	.000	.000

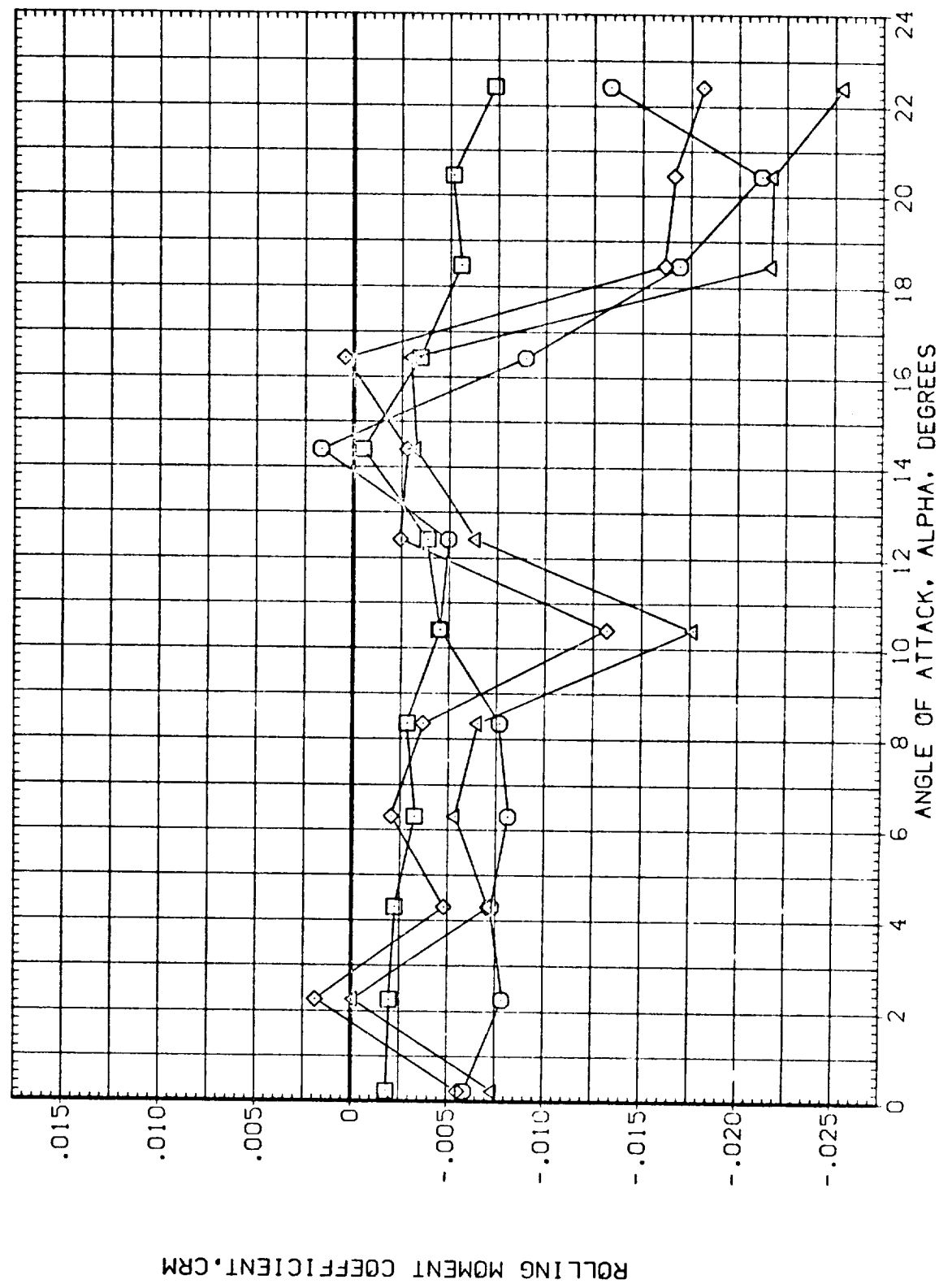


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



(NEZ253)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA		PARAMETRIC VALUES			
	CRM	MACH	1.308	BETA	.000	
○	CRM	D1	.000	D3	.000	
□	CRM	D2	.000	D4	.000	
◇	CRM	D1-3	.000	D2-4	.000	
△	CRM	PHI-C	.000	PHI-T	.000	

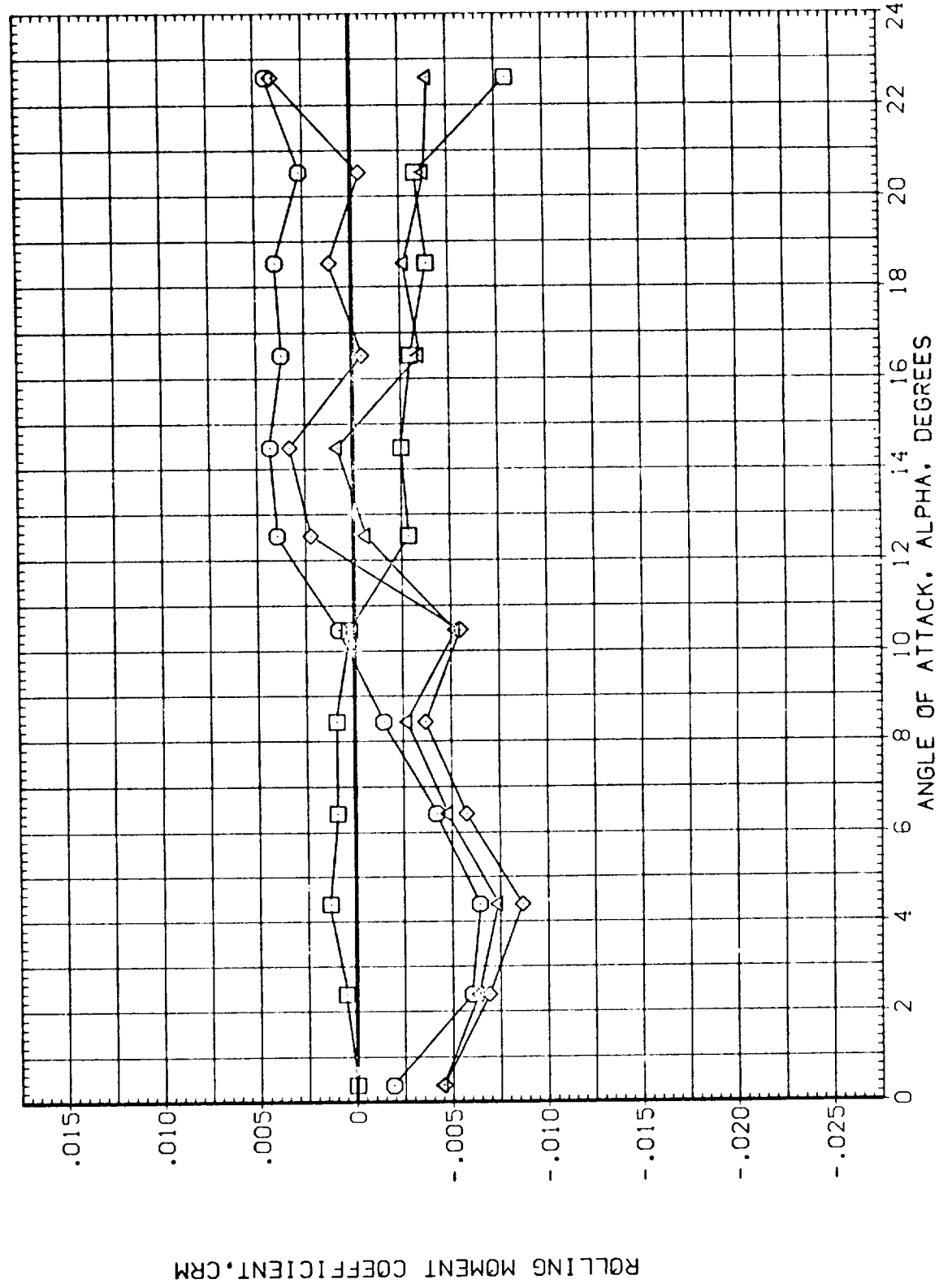


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES					
	CRM	MACH	1.757	BETA	.000	D3	.000	
○	CRM	D1	.000	D3	.000	D4	.000	
□	CRM	D2	.000	D4	.000	D2-4	.000	
◇	CRM	D1-3	.000	D2-4	.000	PHI-T	.000	
△	CRM	PHI-C	.000	PHI-T	.000			

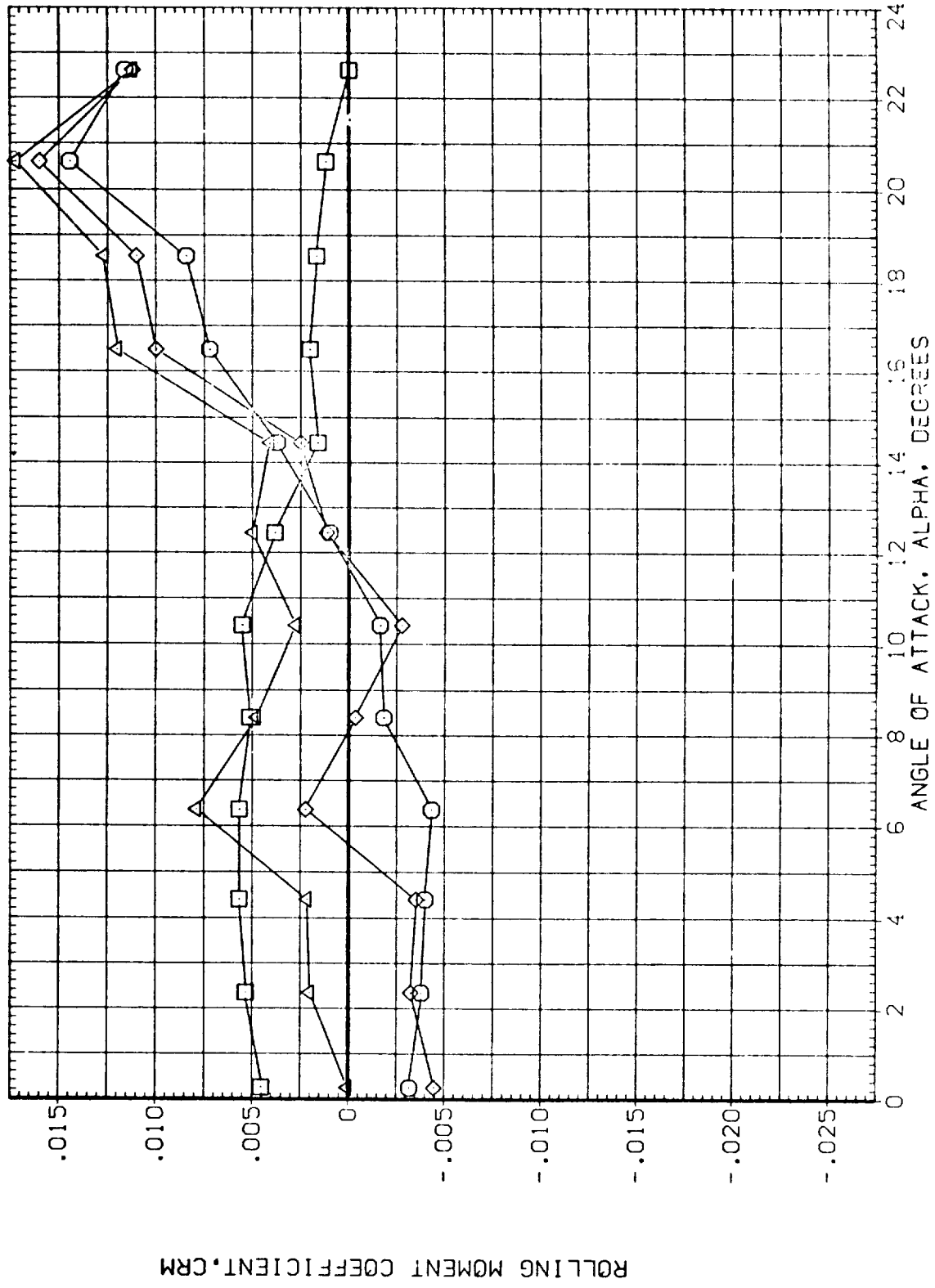


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ254)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA		PARAMETRIC VALUES				
	CN	MACH	.801	BETA	.000		
○	CNC	D1	.000	D3	.000		
□	CNT	D2	5.000	D4	5.000		
◇	CNB	D1-3	.000	D2-4	5.000		
△		PHI-C	.000	PHI-T	.000		

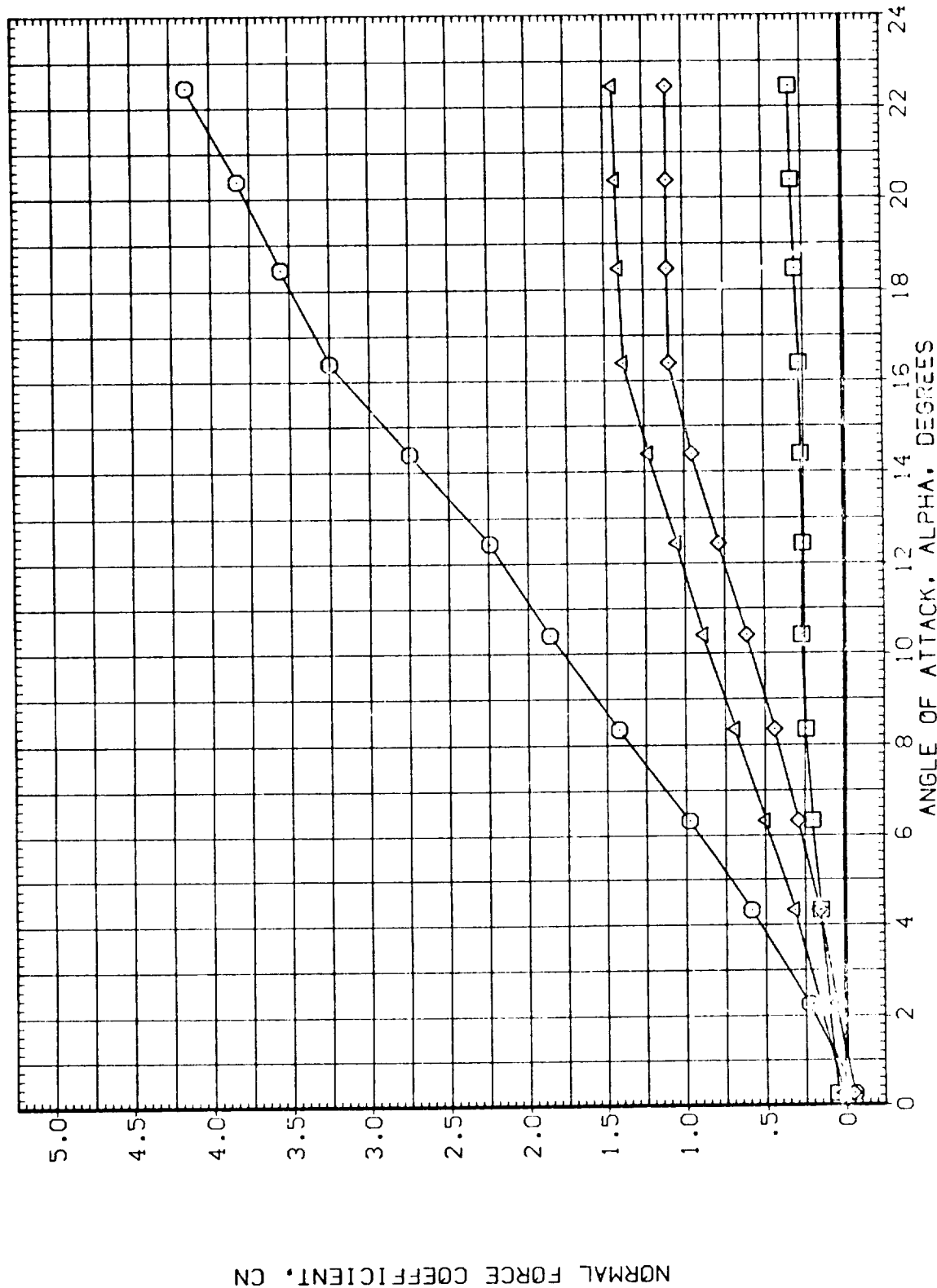


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	MACH	PARAMETRIC VALUES				
	CN		1.307	BETA			.000
	CNC	D1	.000	D3			.000
	CNT	D2	5.000	D4			5.000
	CNB	D1-3	.000	D2-4			5.000
		PHI-C	.000	PHI-T			.000

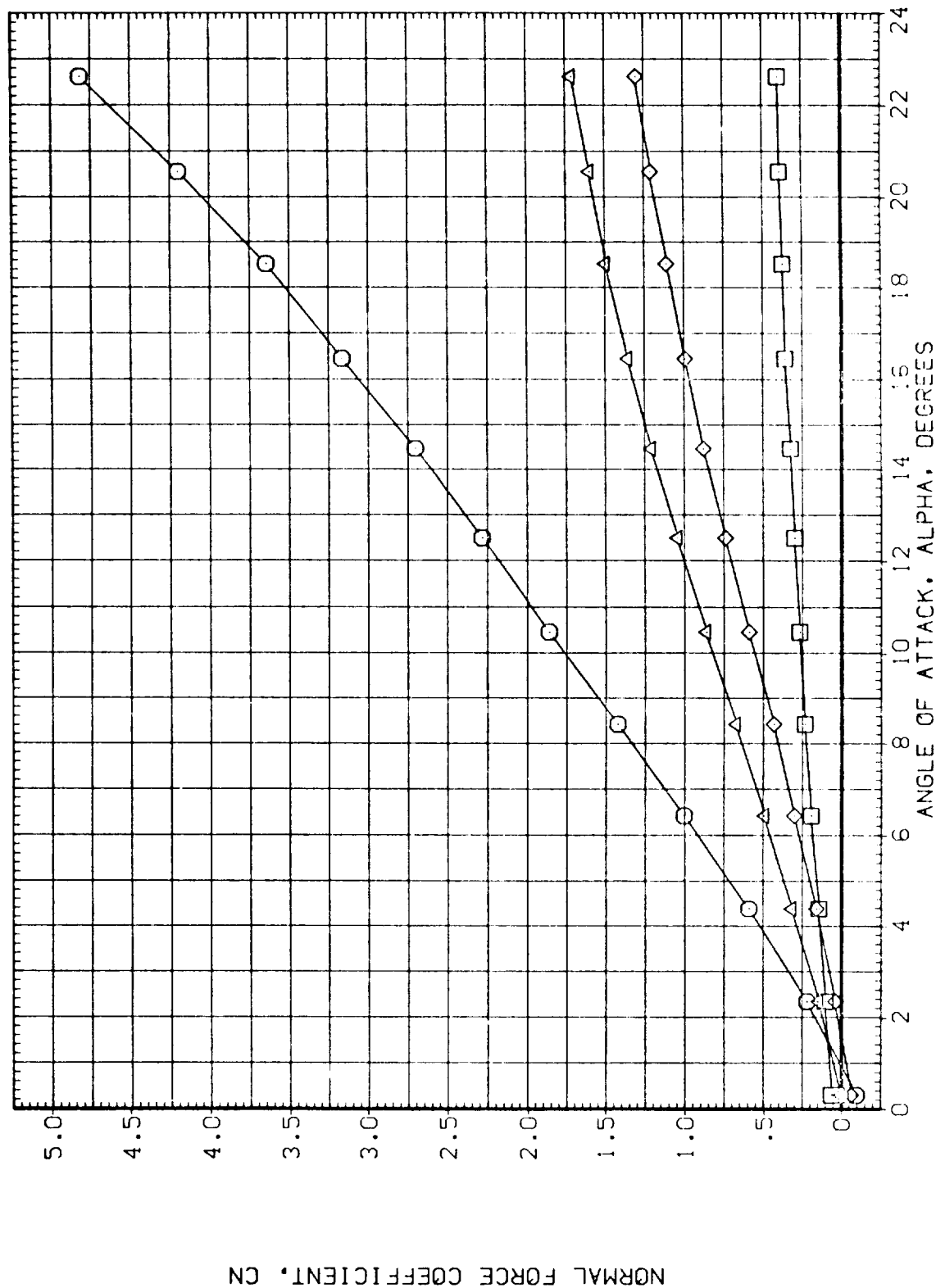


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ254)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA		PARAMETRIC VALUES				
	CN	MACH	1.750	BETA	.000		
○	CNC	D1	.000	D3	.000		
□	CNT	D2	5.000	D4	5.000		
◇	CNB	D1-3	.000	D2-4	5.000		
△		PHI-C	.000	PHI-T	.000		

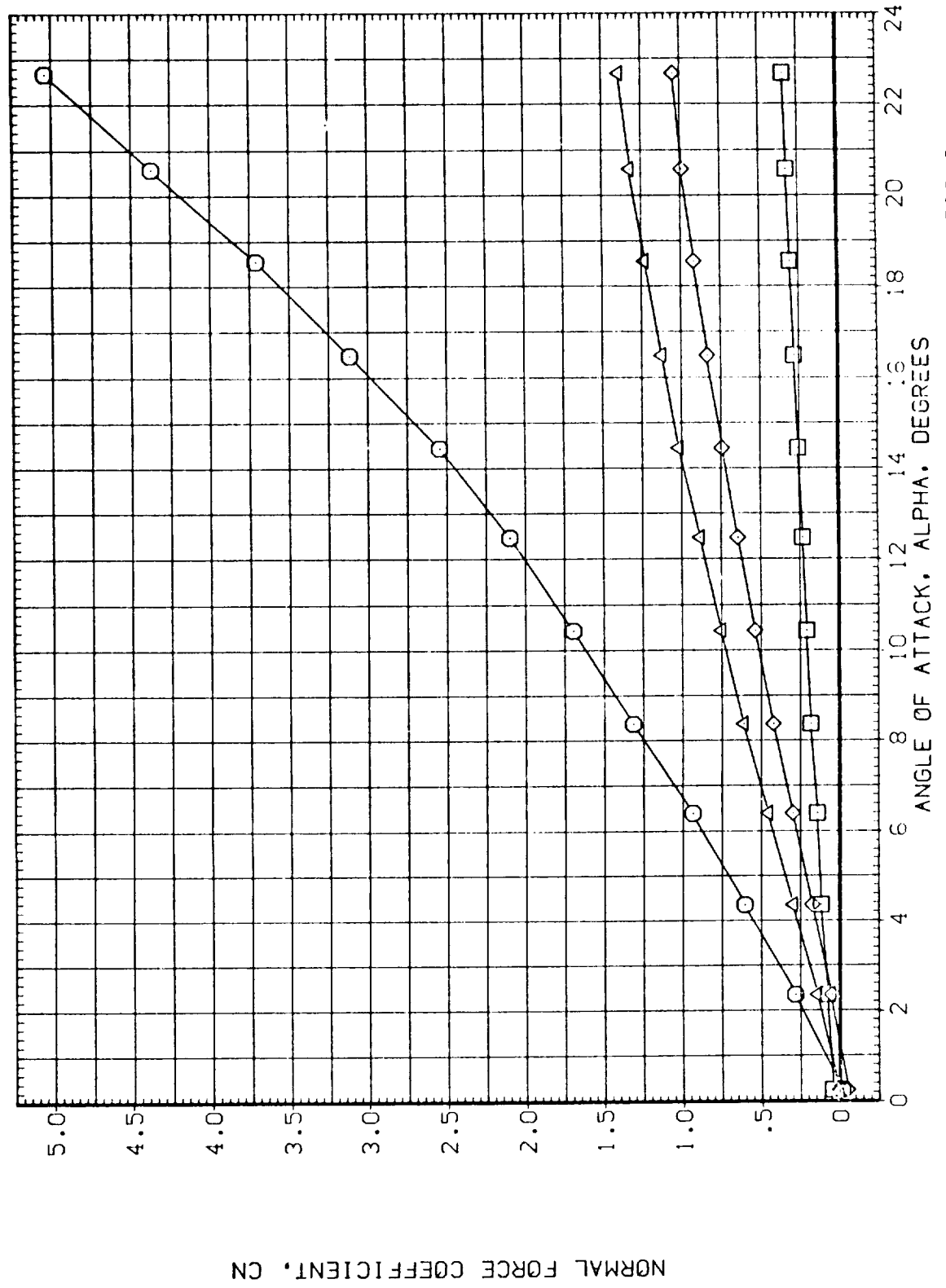


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	PARAMETRIC VALUES
CM	MACH
CMC	D1
CMT	D2
CMB	D1-3
	PHI-C
	PHI-T
	BETA
	D3
	D4
	D2-4
	PHI-T

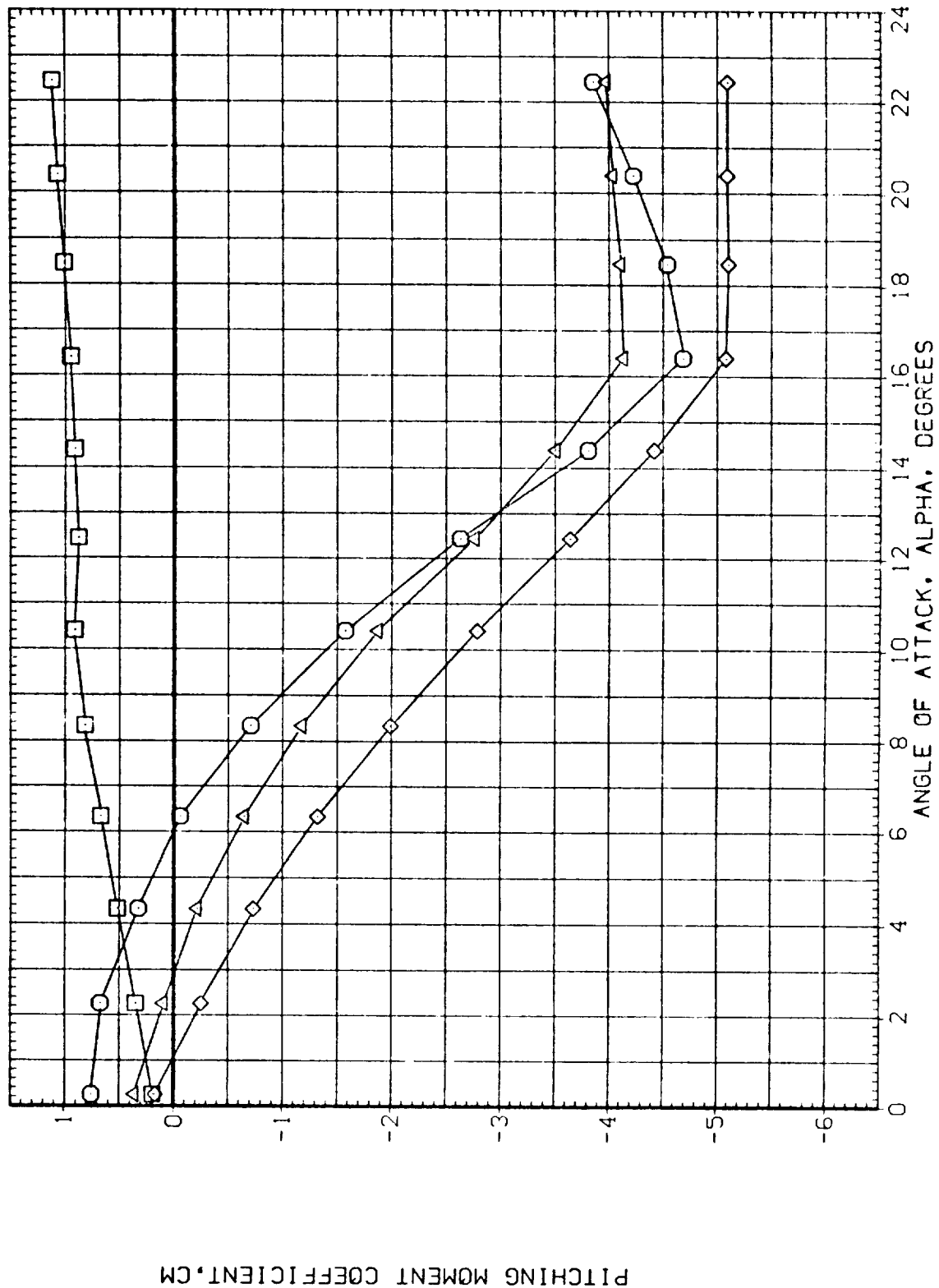


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ254)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CM	1.307	BETA .000
□	CMC	D1 .000	D3 .000
◇	CMT	D2 5.000	D4 5.000
△	CMB	D1-3 .000	D2-4 5.000
		PHI-C .000	PHI-T .000

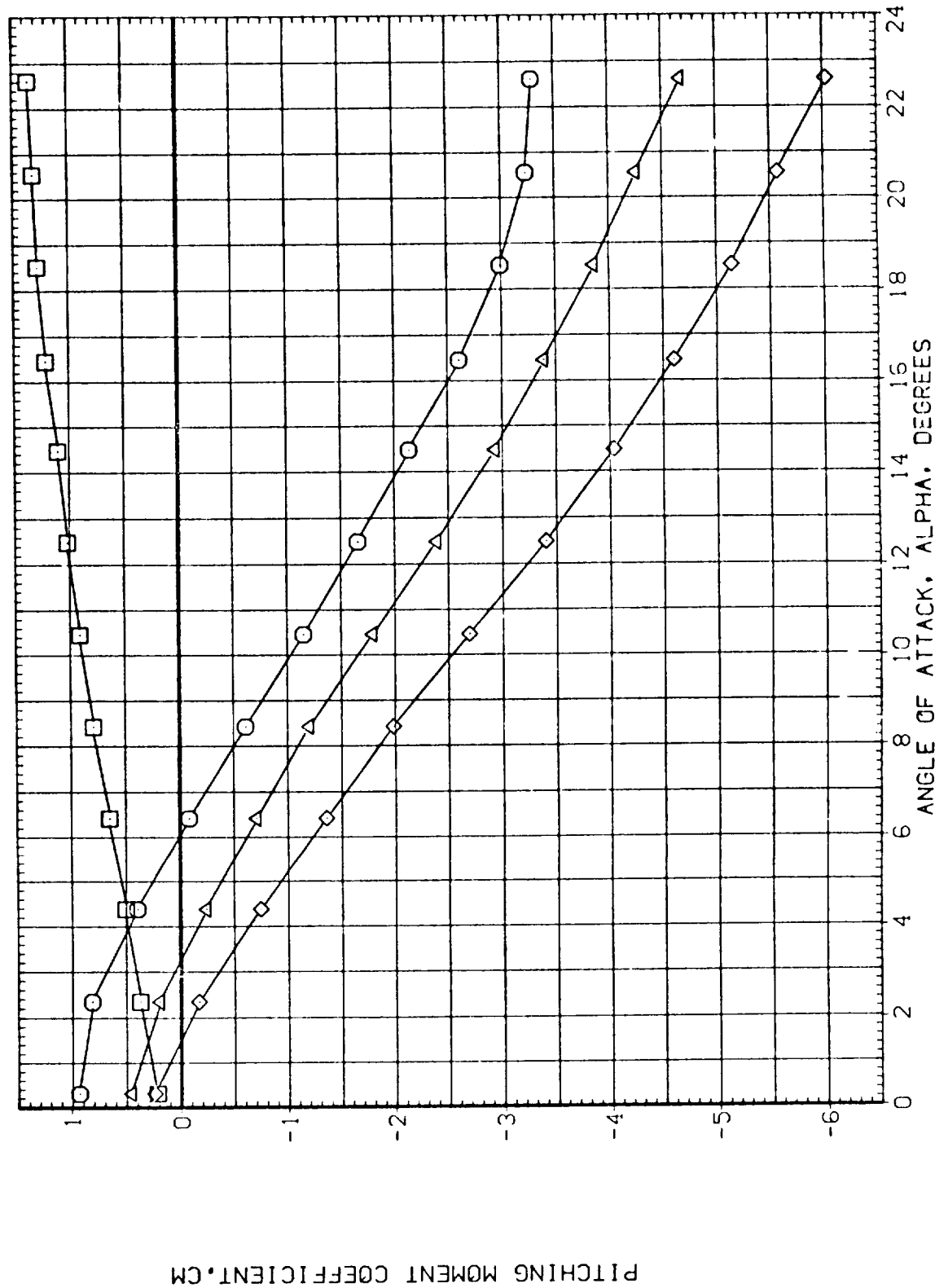


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.750	BETA	.000		
○	CM	D1	.000	D3	.000		
□	CMC	D2	5.000	D4	5.000		
◇	CMT	D1-3	.000	D2-4	5.000		
△	CMB	PHI-C	.000	PHI-T	.000		

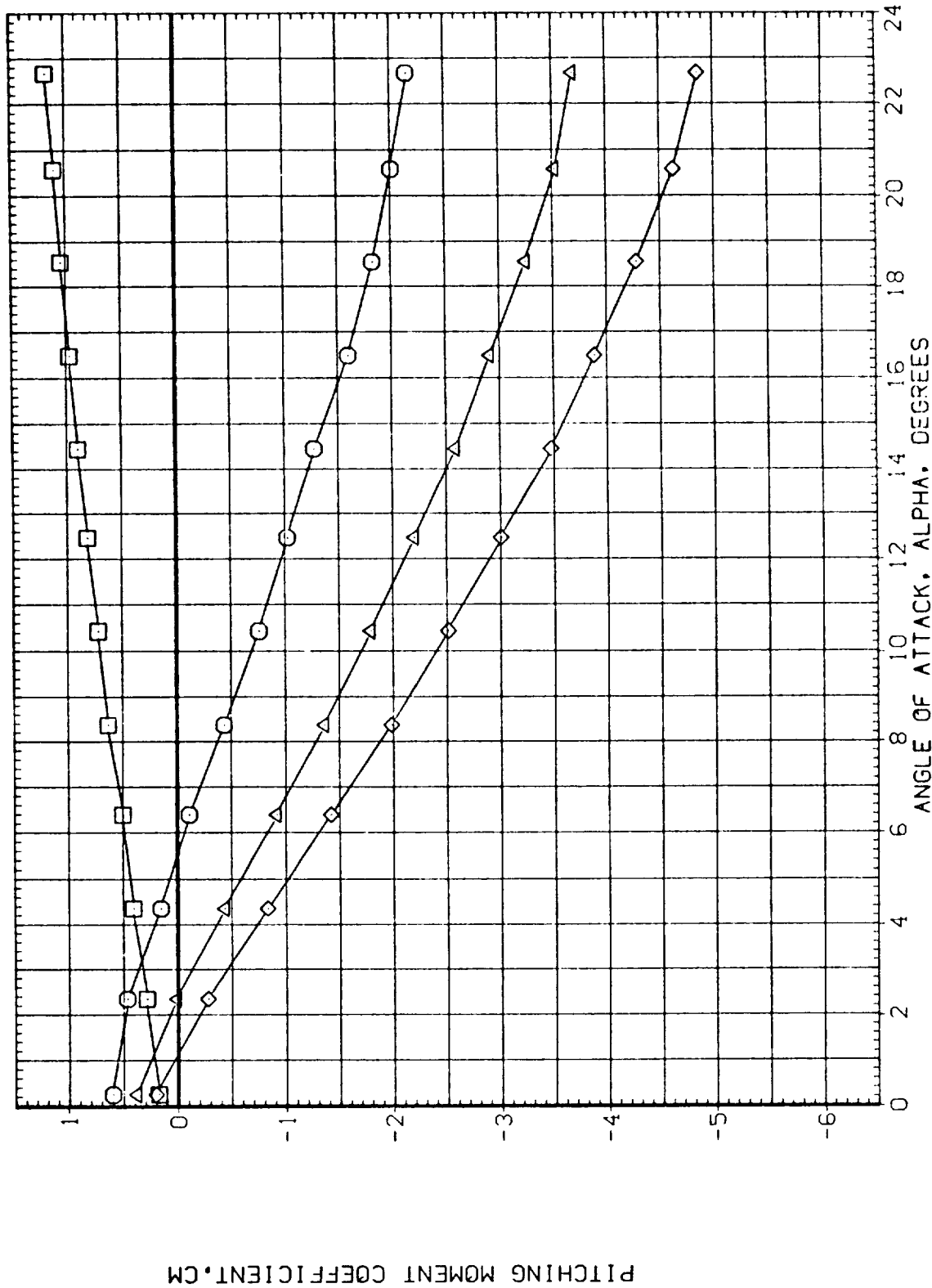


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 16 (BN3C7T1)

(0EZ254)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
O	CA		.801 BETA .000
		D1	.000 D3 .000
		D2	5.000 D4 5.000
		D1-3	.000 D2-4 5.000
		PHI-C	.000 PHI-T .000

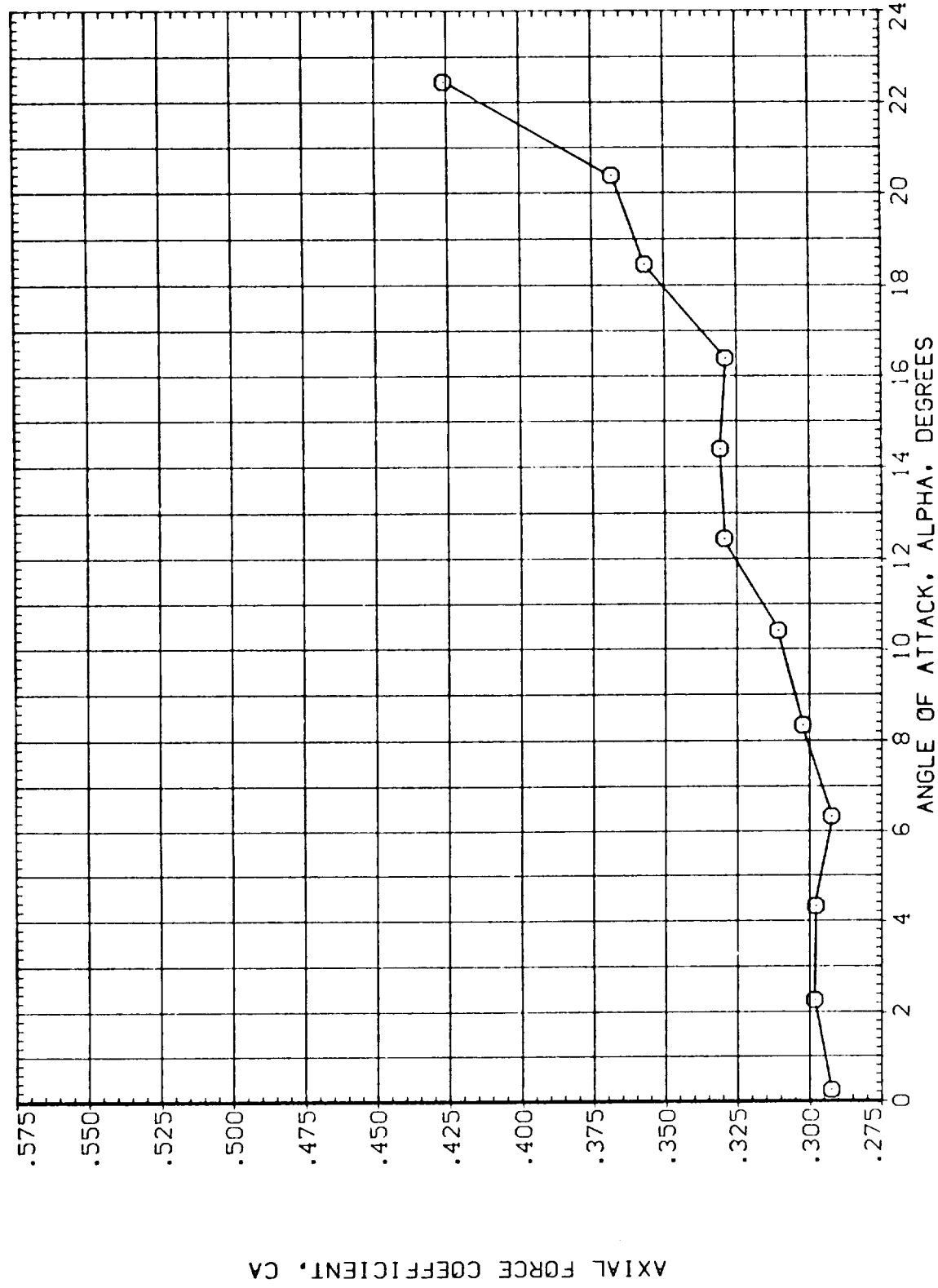


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D3	D4	PHI-T
O	CA	1.307	.000	.000	.000	.000
	D1	.000	.000	.000	.000	.000
	D2	5.000	.000	.000	.000	.000
	D1-3	.000	.000	.000	.000	.000
	PHI-C	.000	.000	.000	.000	.000

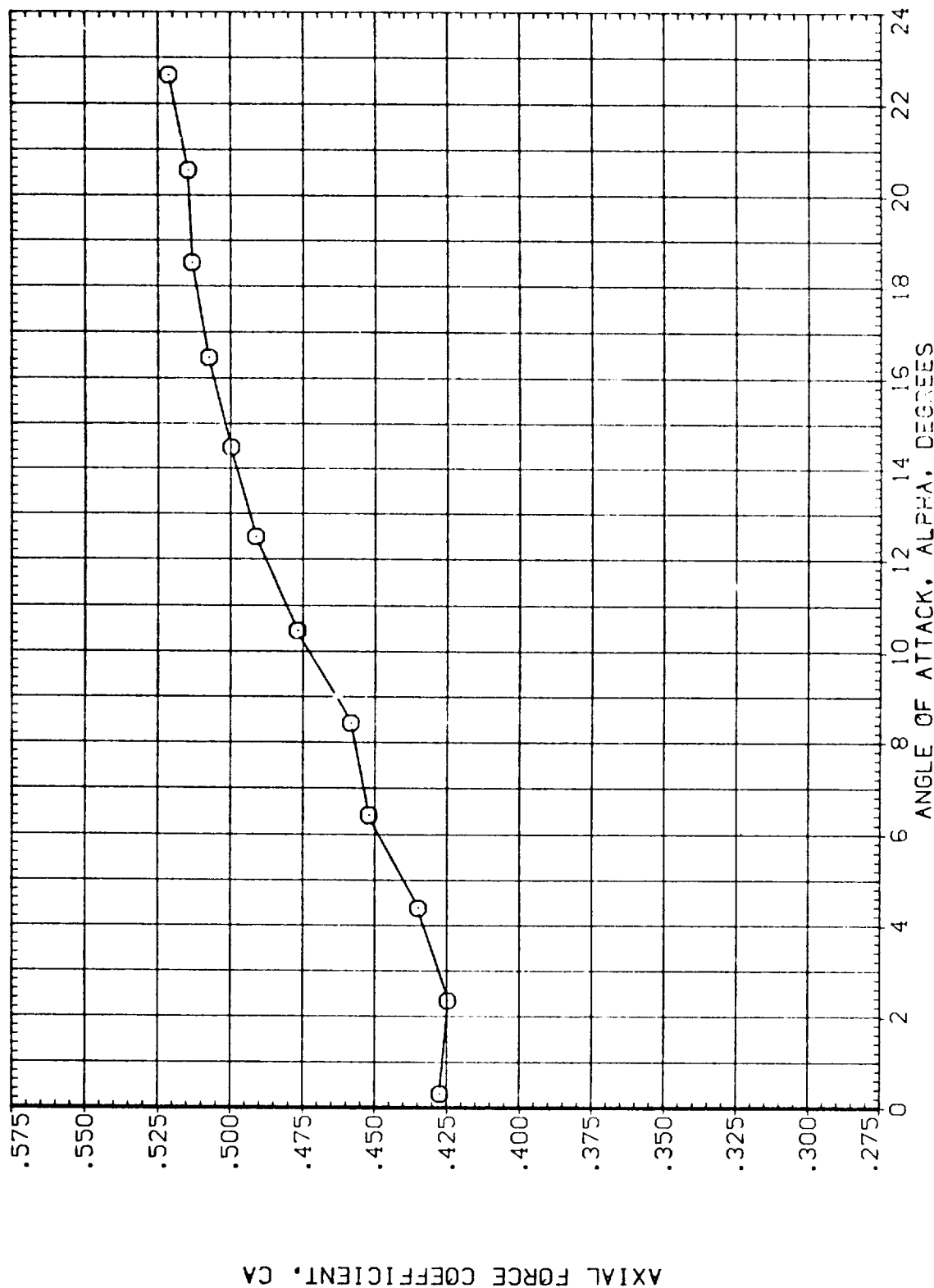


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ254)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.750	BETA	.000	
O	CA	D1	.000	D3	.000	
		D2	5.000	D4	5.000	
		D1-3	.000	D2-4	5.000	
		PHI-C	.000	PHI-T	.000	

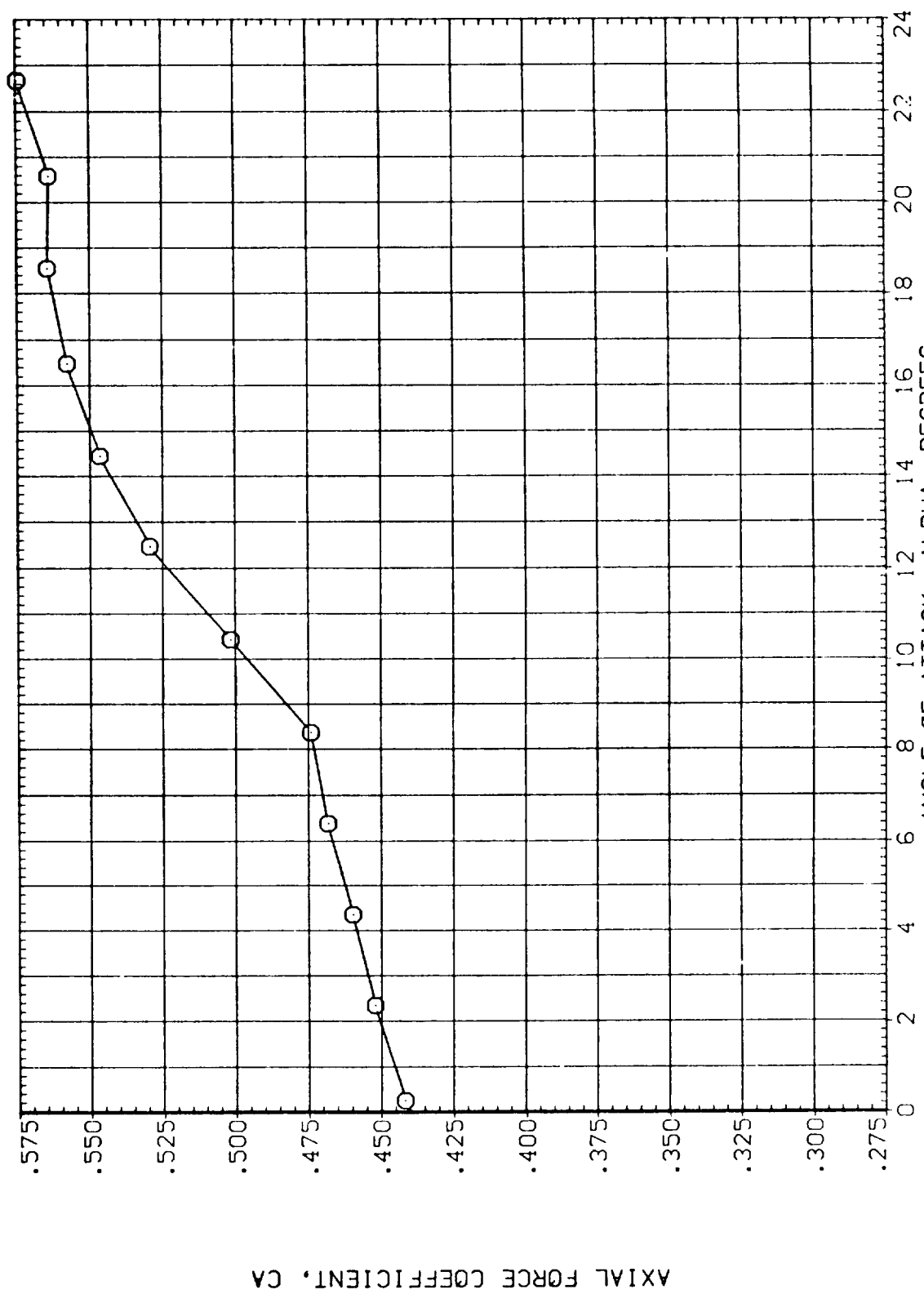


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES					
	CY	MACH	.801	BETA	.000			
○	CYC	D1	.000	D3	.000			
□	CYT	D2	5.000	D4	5.000			
◇	CYB	D1-3	.000	D2-4	5.000			
△		PHI-C	.000	PHI-T	.000			

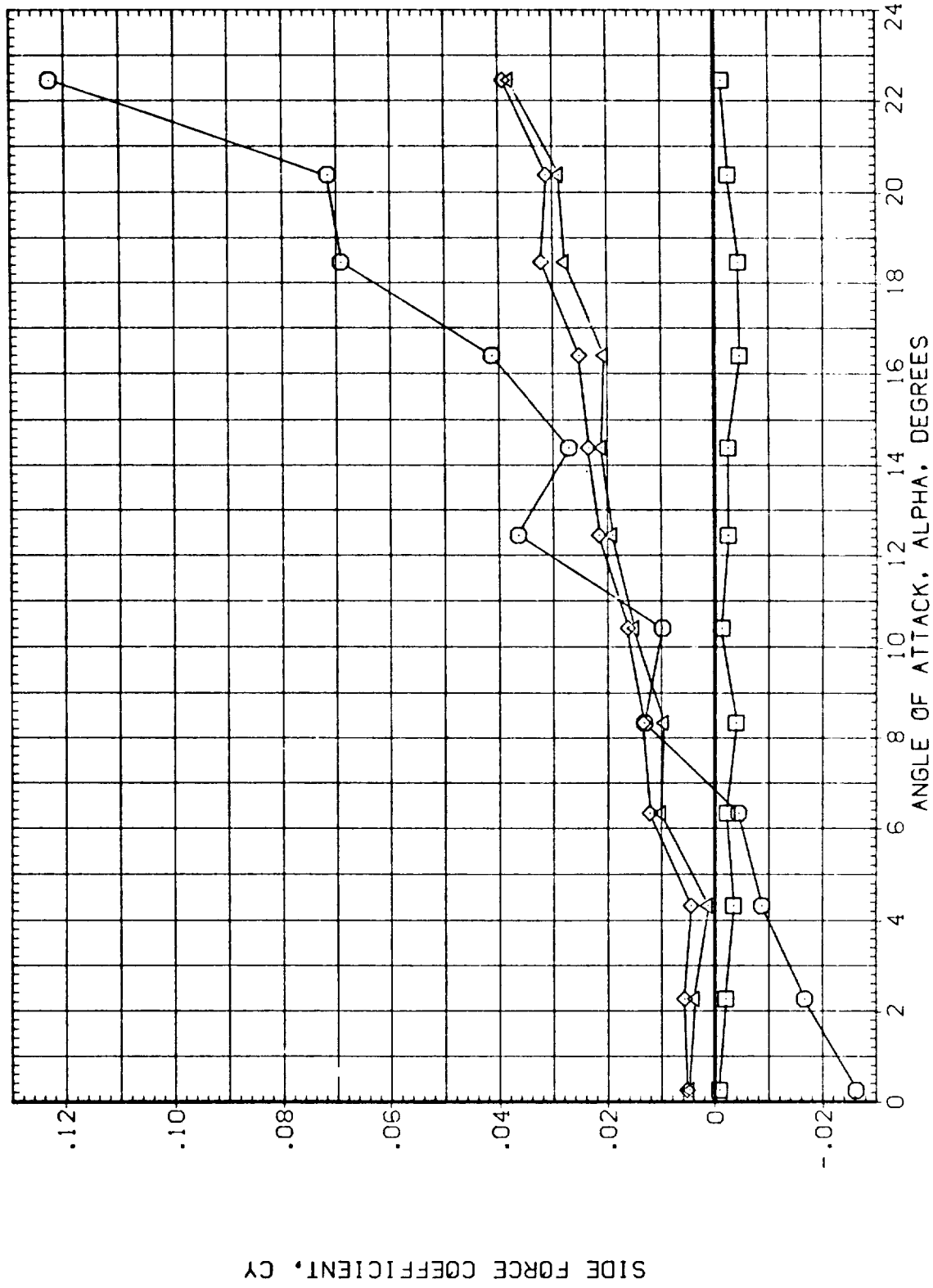


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T11)

(MEZ254)

DATA	PARAMETRIC VALUES	
SYMBOL		
CY	MACH	.000
CYC	D1	.000
CYT	D2	5.000
CYB	D1-3	.000
	PHI-C	.000
	BETA	.000
	D3	.000
	D4	5.000
	D2-4	5.000
	PHI-T	.000

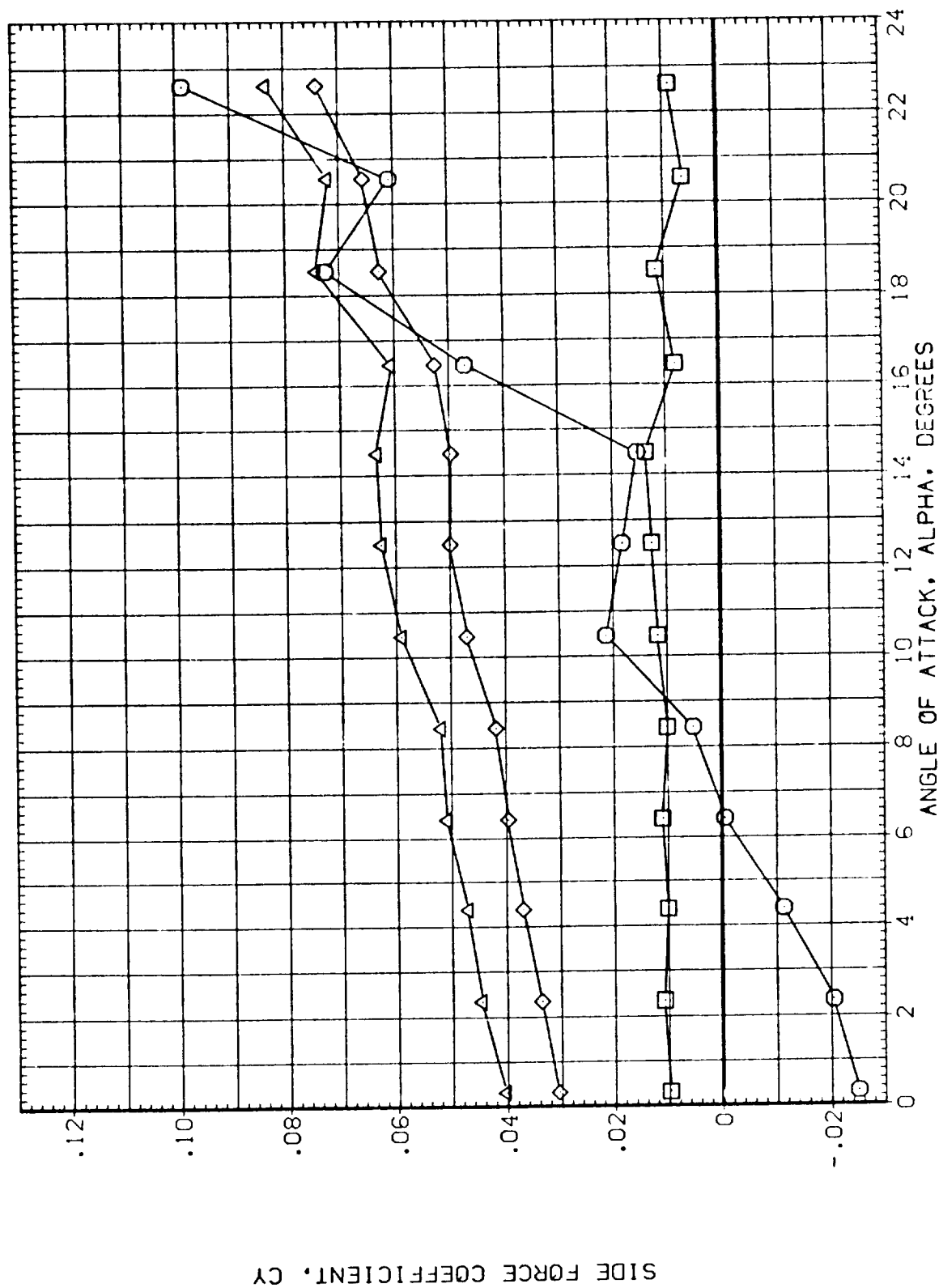


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	MACH	PARAMETRIC VALUES			
CY	D1	1.750	BETA	D3	.000
CYC	D2	.000	D4	D4	.000
CYT	D1-3	.000	D2-4	D2-4	.000
CYB	PHI-C	.000	PHI-T	PHI-T	.000

SYMBOL  
 ○  
 □  
 ◇  
 △

SIDE FORCE COEFFICIENT, CY

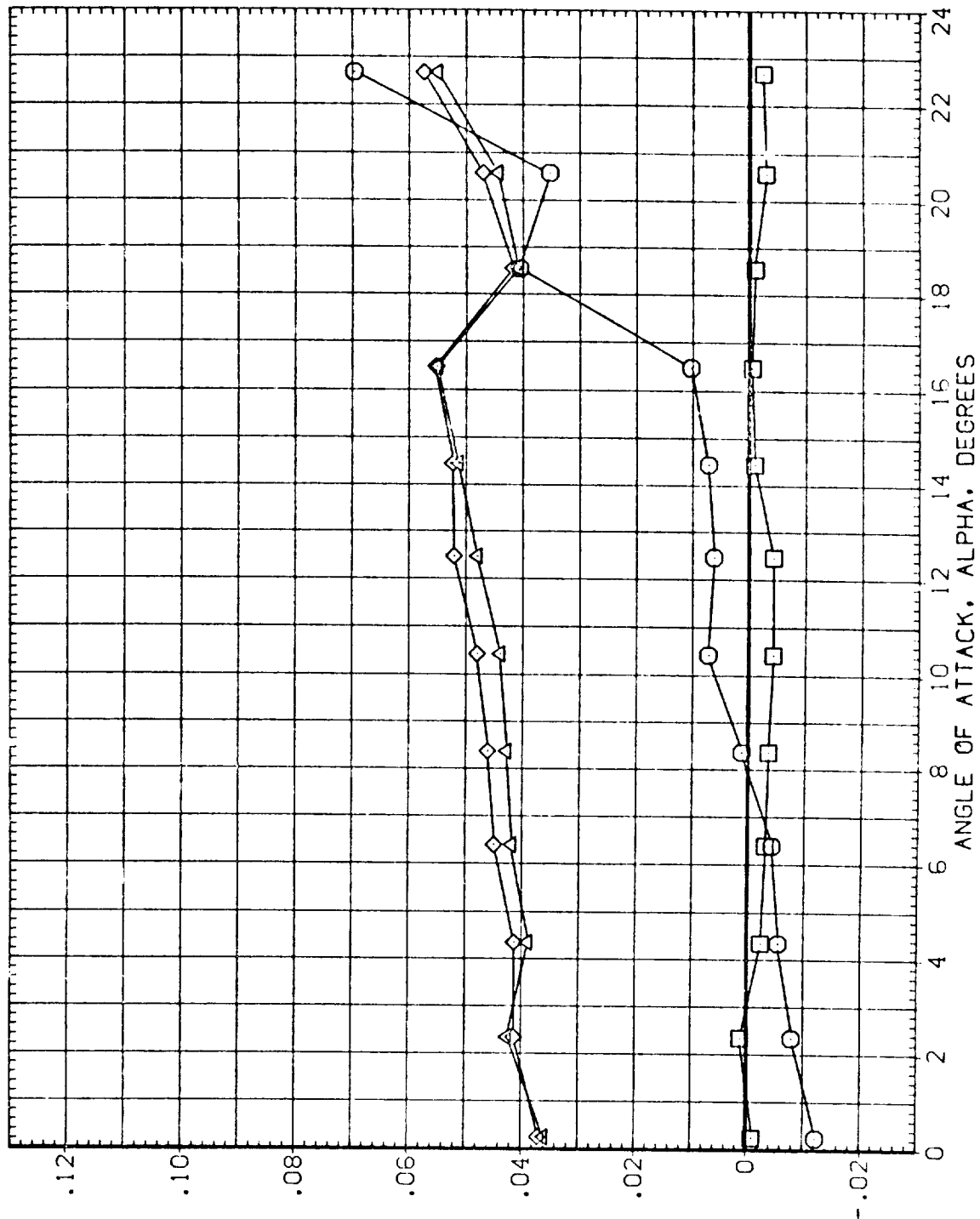


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ254)

CONFIGURATION 16 (BN3C7T1)

DATA	PARAMETRIC VALUES
CYM	.801 BETA .000
CYM1	.000 D3 .000
CYM2	.000 D4 .000
CYM3	.000 D2-4 .000
CYM4	.000 PHI-T .000

○ □ ◇ △

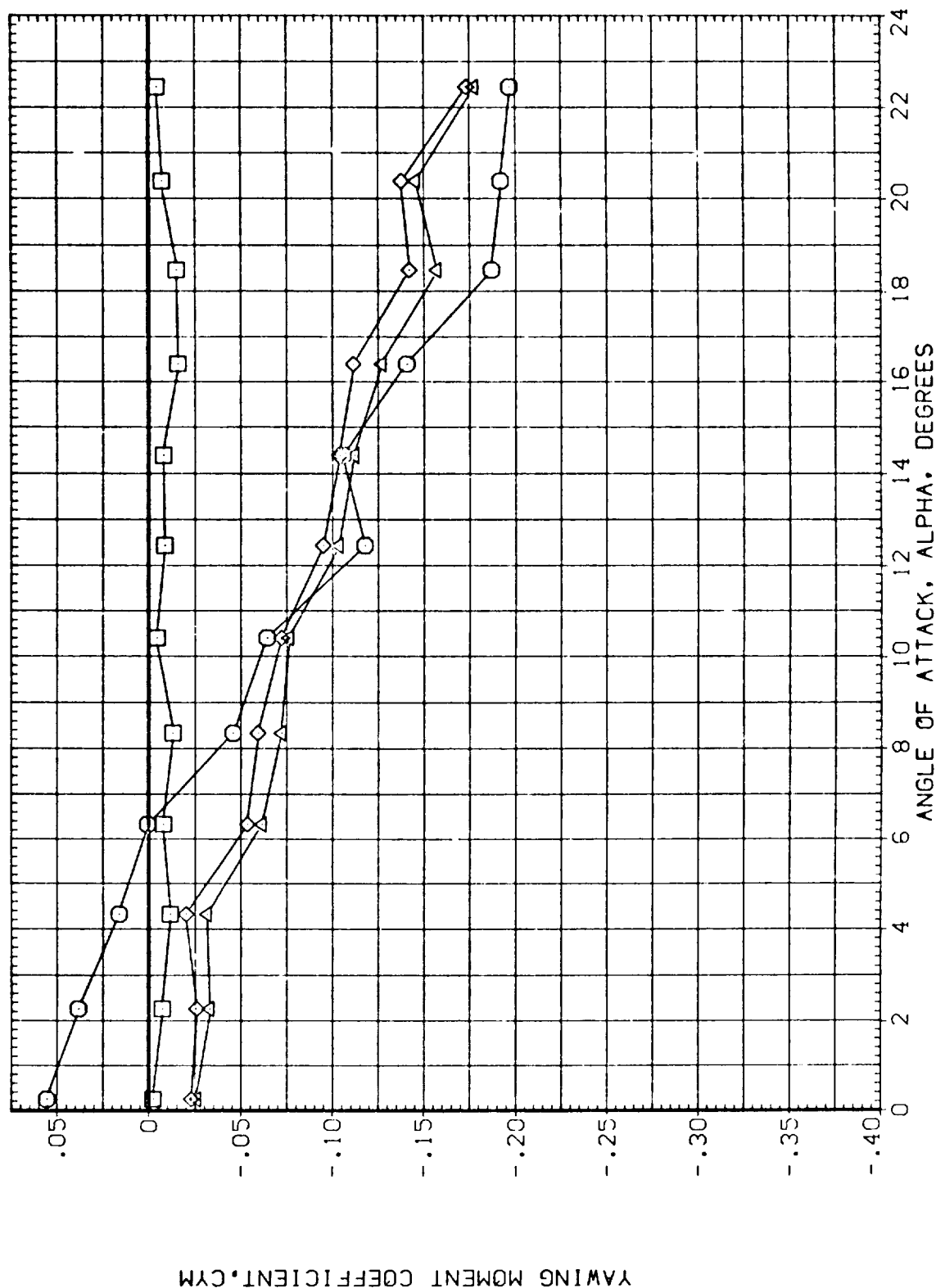


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	MACH	PARAMETRIC VALUES
CYM	D1	BETA
CYMC	D2	D3
CYMT	D1-3	D4
CYMB	PHI-C	D2-4
		PHI-T

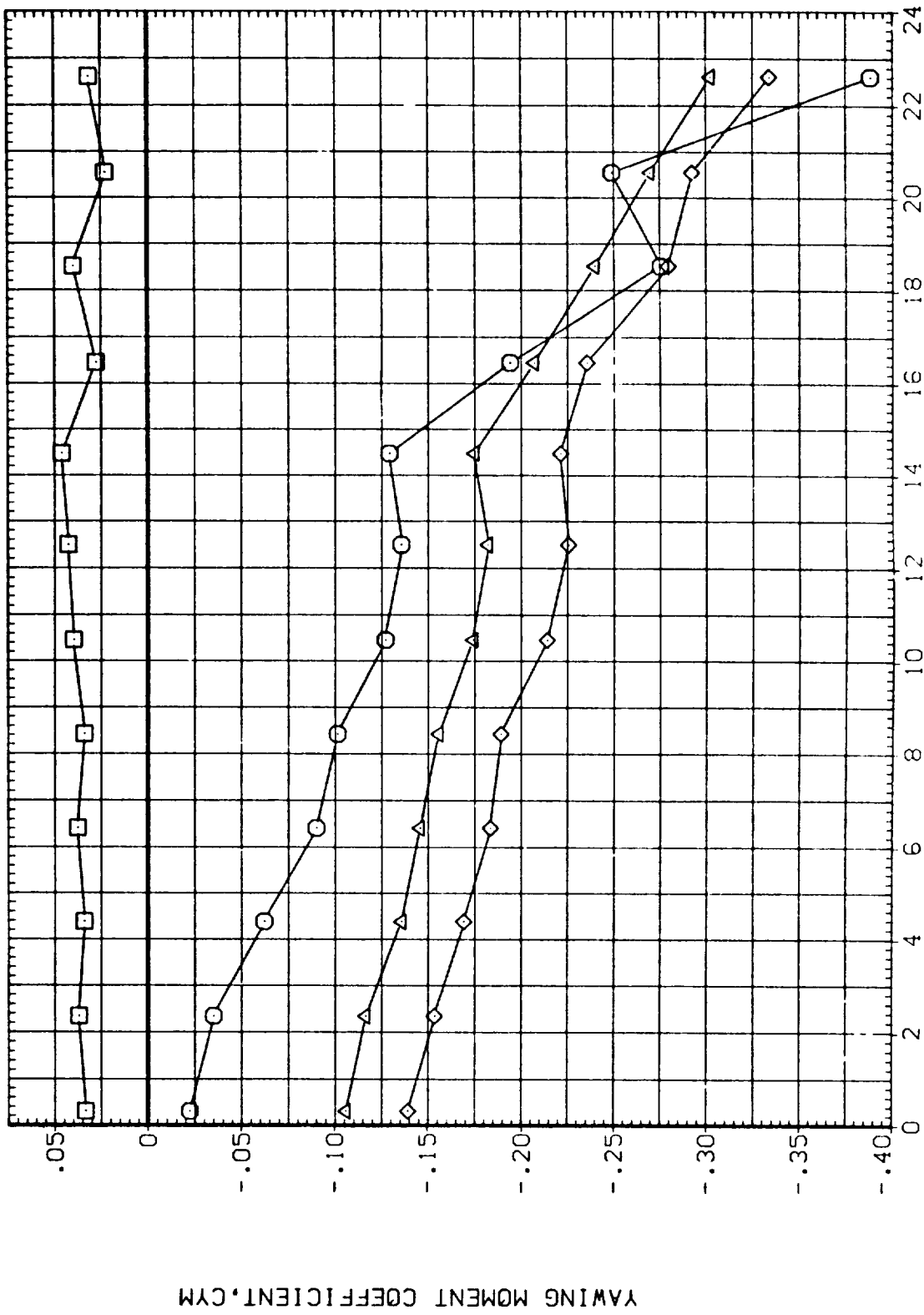


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 16 (BN3C7T1)

(MEZ254)

DATA	PARAMETRIC VALUES
CYM	MACH
CYMC	D1
CYMT	D2
CYMB	D1-3
	PHI-C
	PHI-T
	BETA
	D3
	D4
	D2-4
	PHI-T

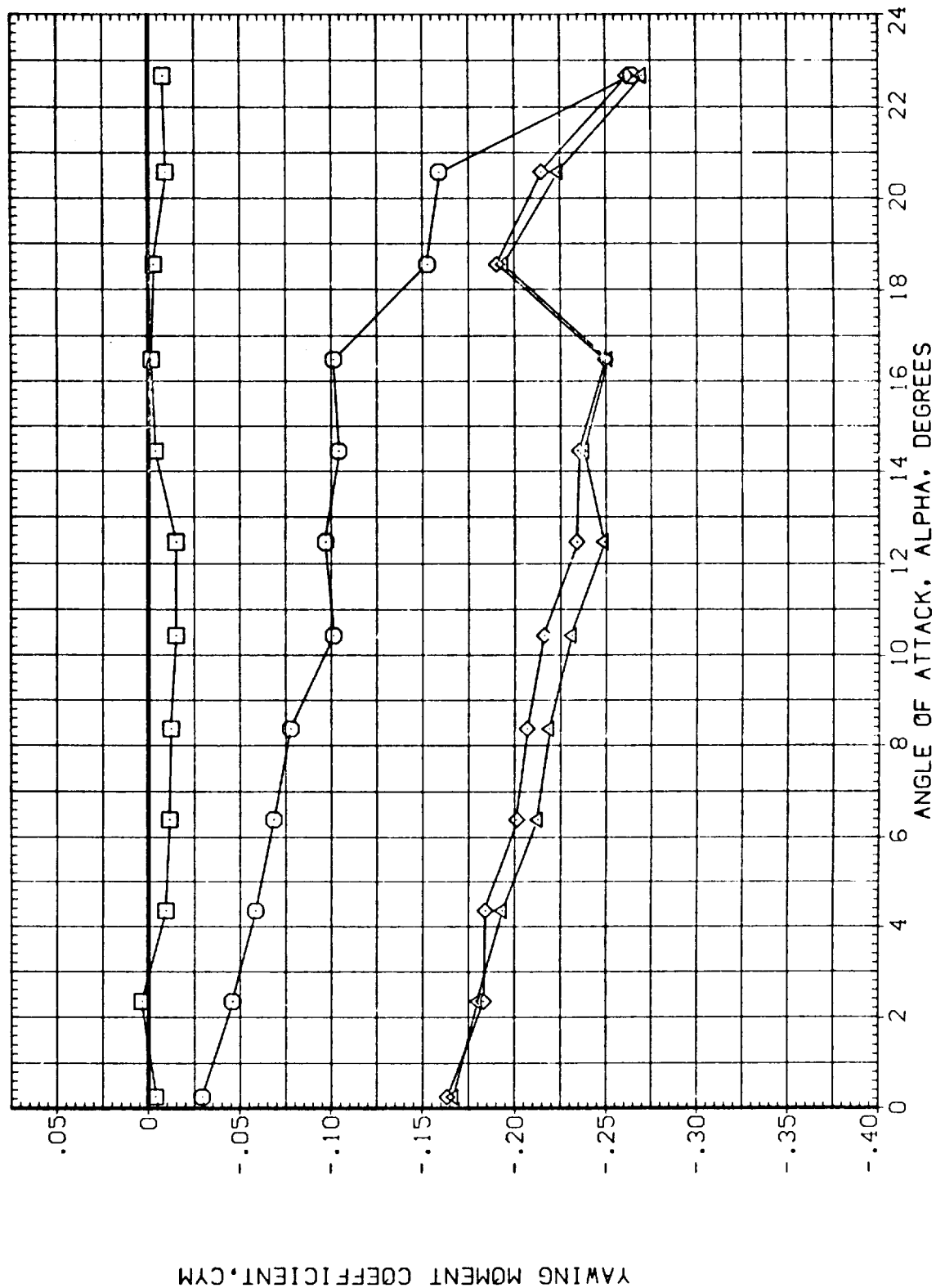


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES					
	CRM	MACH	.801	BETA	.000			
○	CRM	D1	.000	D3	.000			
□	CRM	D2	5.000	D4	5.000			
◇	CRM	D1-3	.000	D2-4	5.000			
△	CRM	PHI-C	.000	PHI-T	.000			

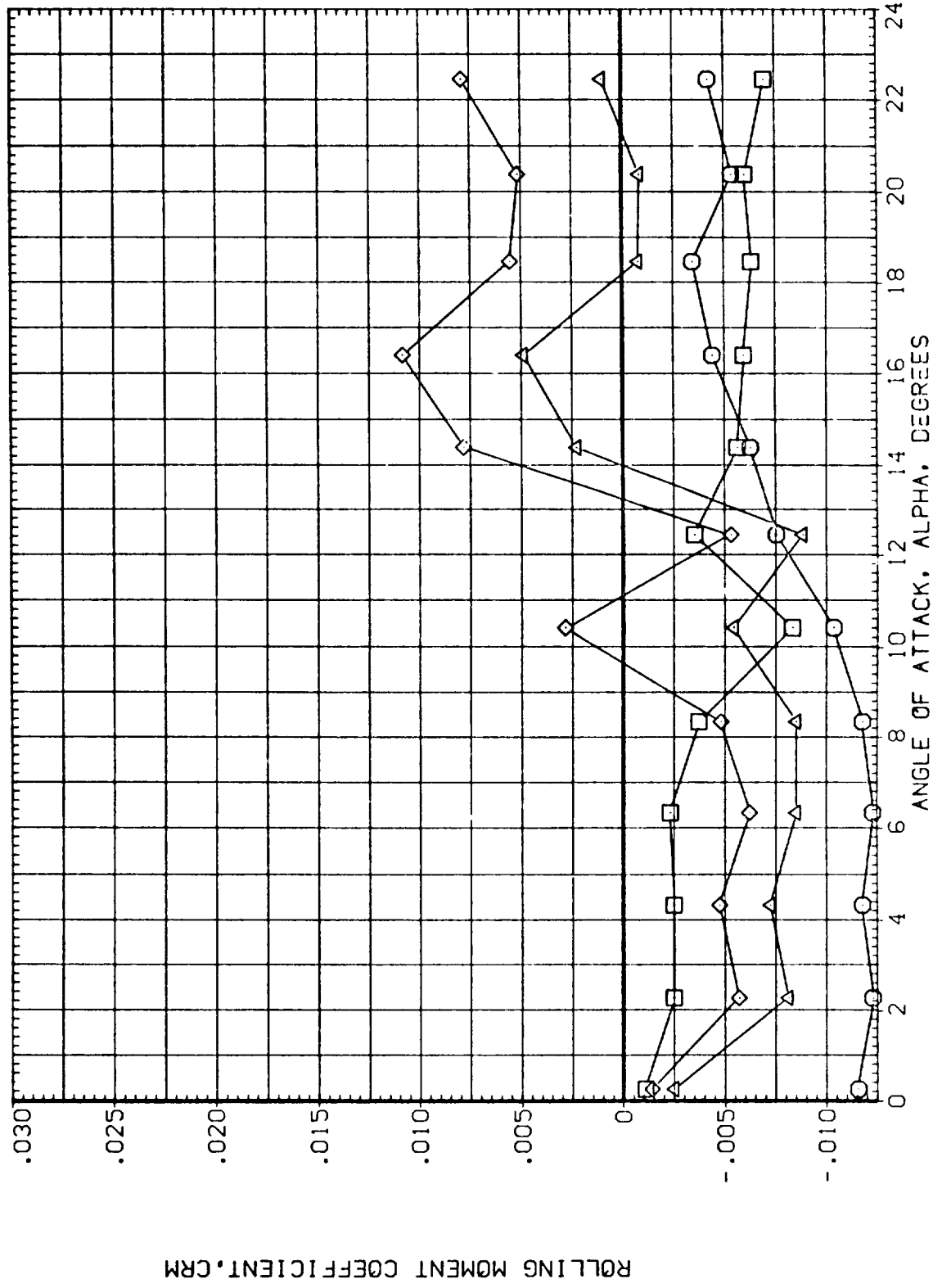


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(NEZ254)

DATA	MACH	PARAMETRIC VALUES	
CRM	D1	1.307	BETA
CRM	D2	.000	D3
CRM	D1-3	5.000	D4
CRM	PHI-C	.000	D2-4
		.000	PHI-T
			.000

SYMBOL  
○ □ ◇ △

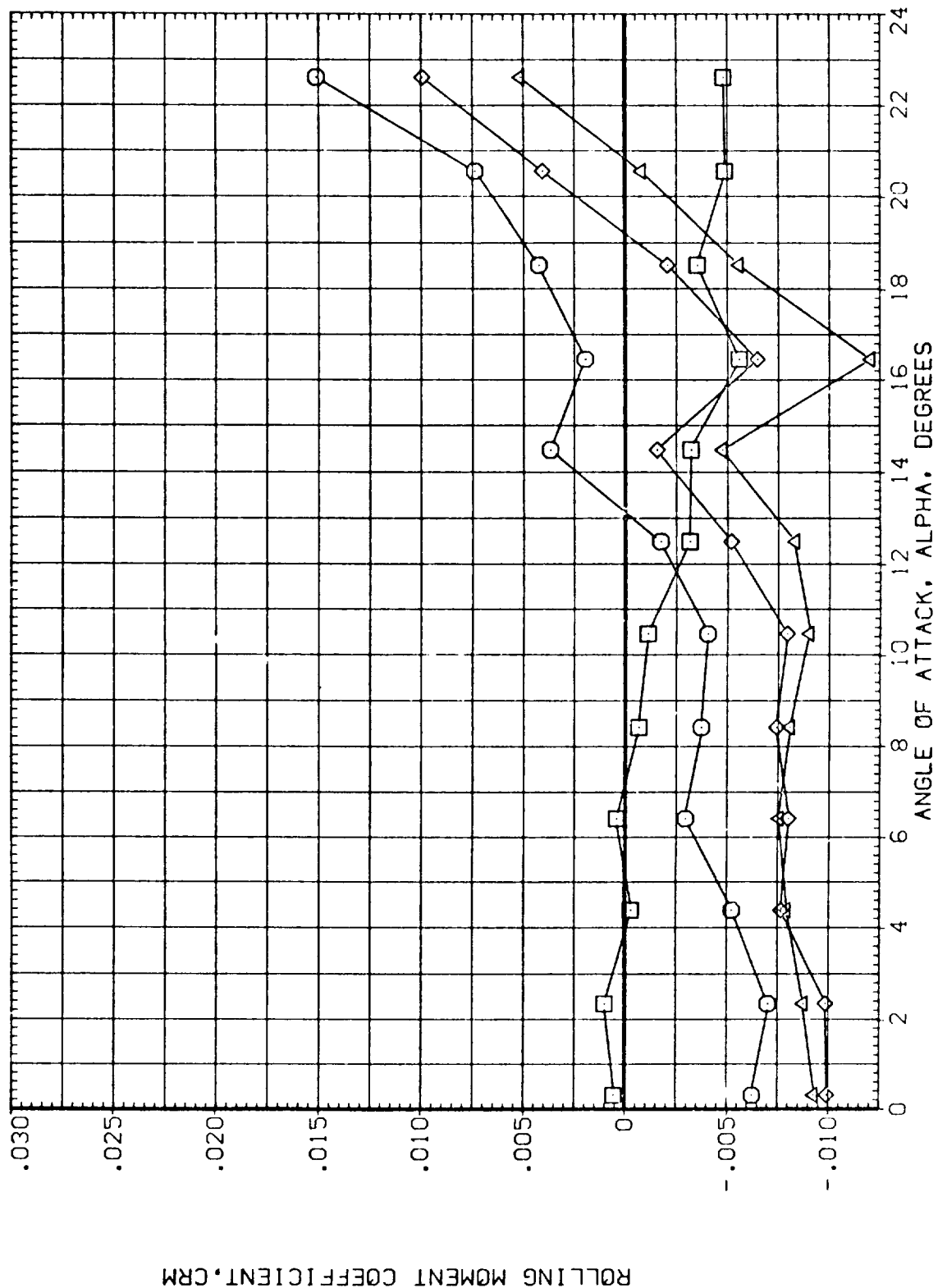


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	MACH	PARAMETRIC VALUES	
CRM	01	1.750	BETA .000
CRM	02	.000	D3 .000
CRM	01-3	5.000	D4 .000
CRM	PHI-C	.000	D2-4 5.000
			PHI-T .000

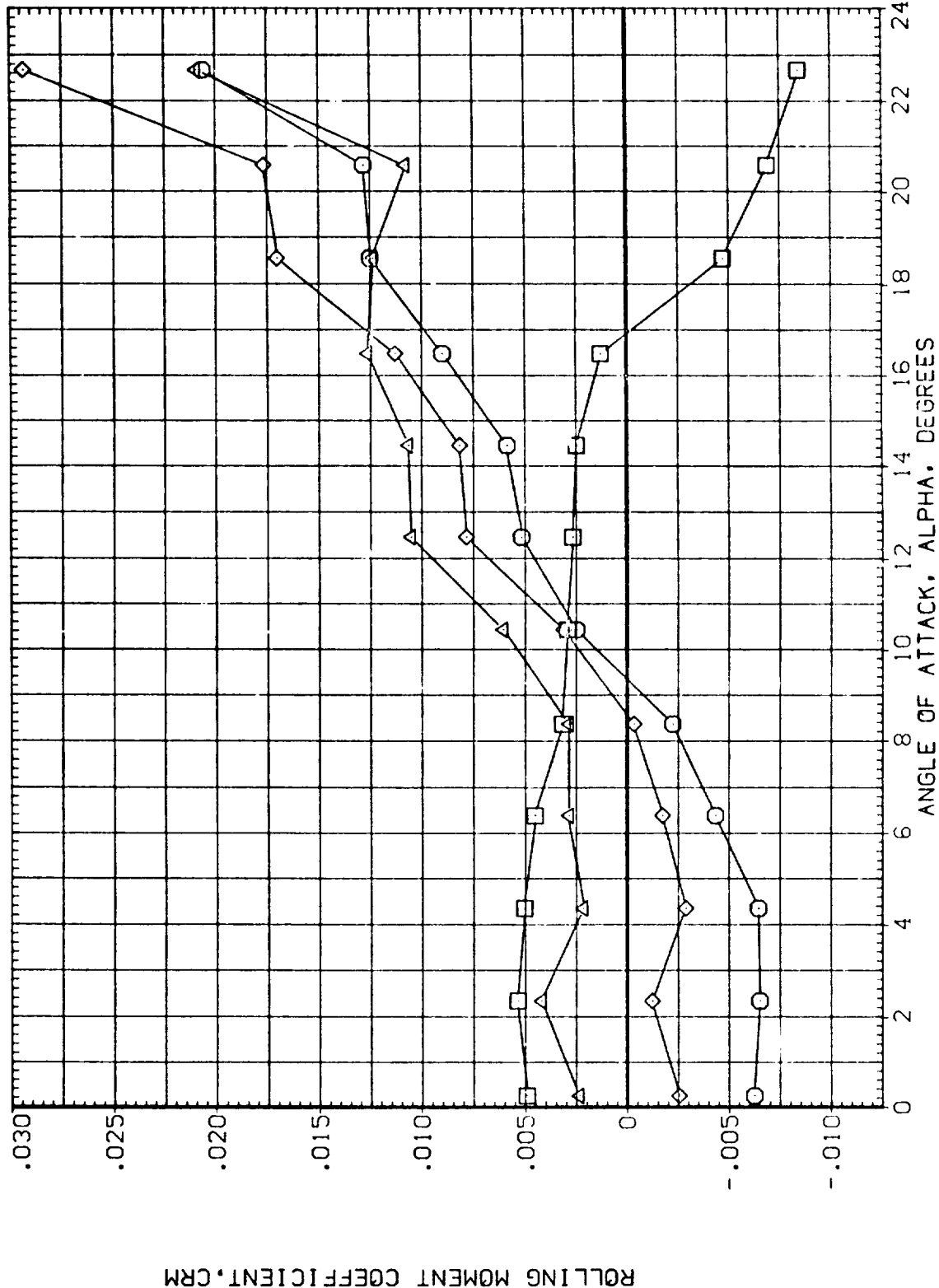


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(LEZ255)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CN	D1	.801 BETA .000
□	CNC	D2	.000 D3 .000
◇	CNT	D1-3	10.000 D4 10.000
△	CNB	PHI-C	.000 D2-4 10.000
		PHI-T	.000

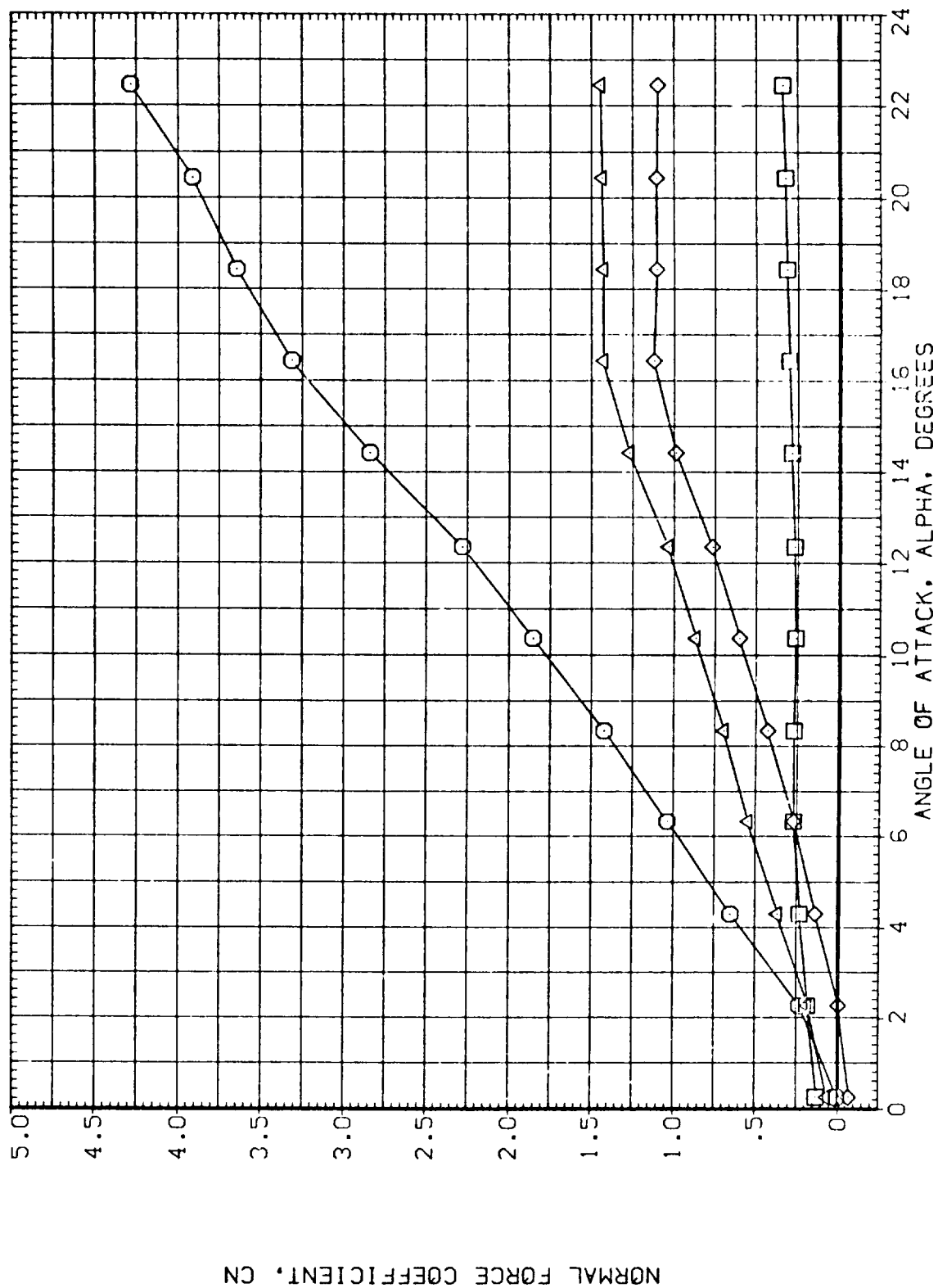


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CN	1.307	BETA .000
□	CNC	D1	D3 .000
◇	CNT	D2	D4 10.000
△	CNB	D1-3	D2-4 10.000
		PHI-C	PHI-T .000

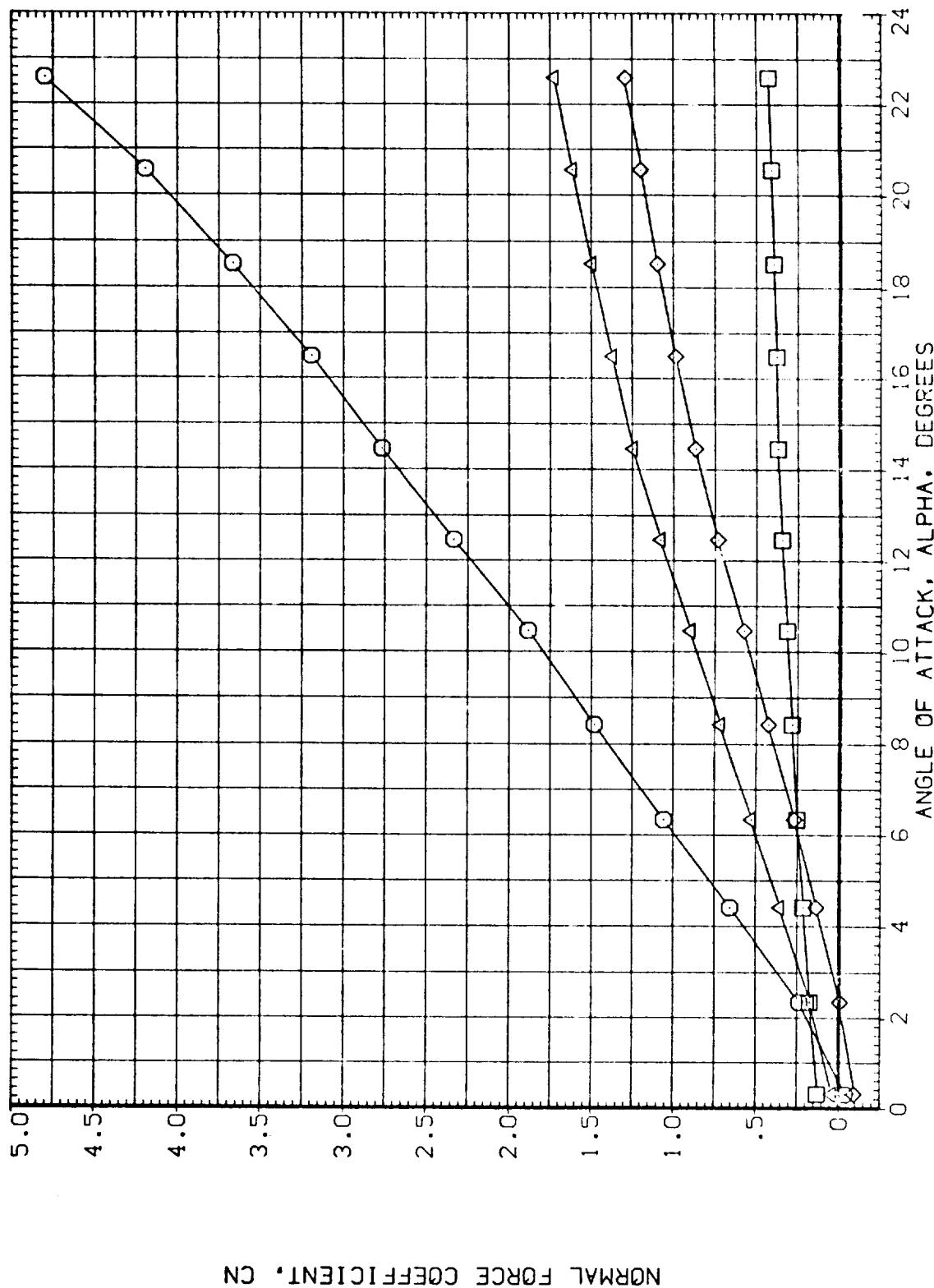


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(LEZ255)

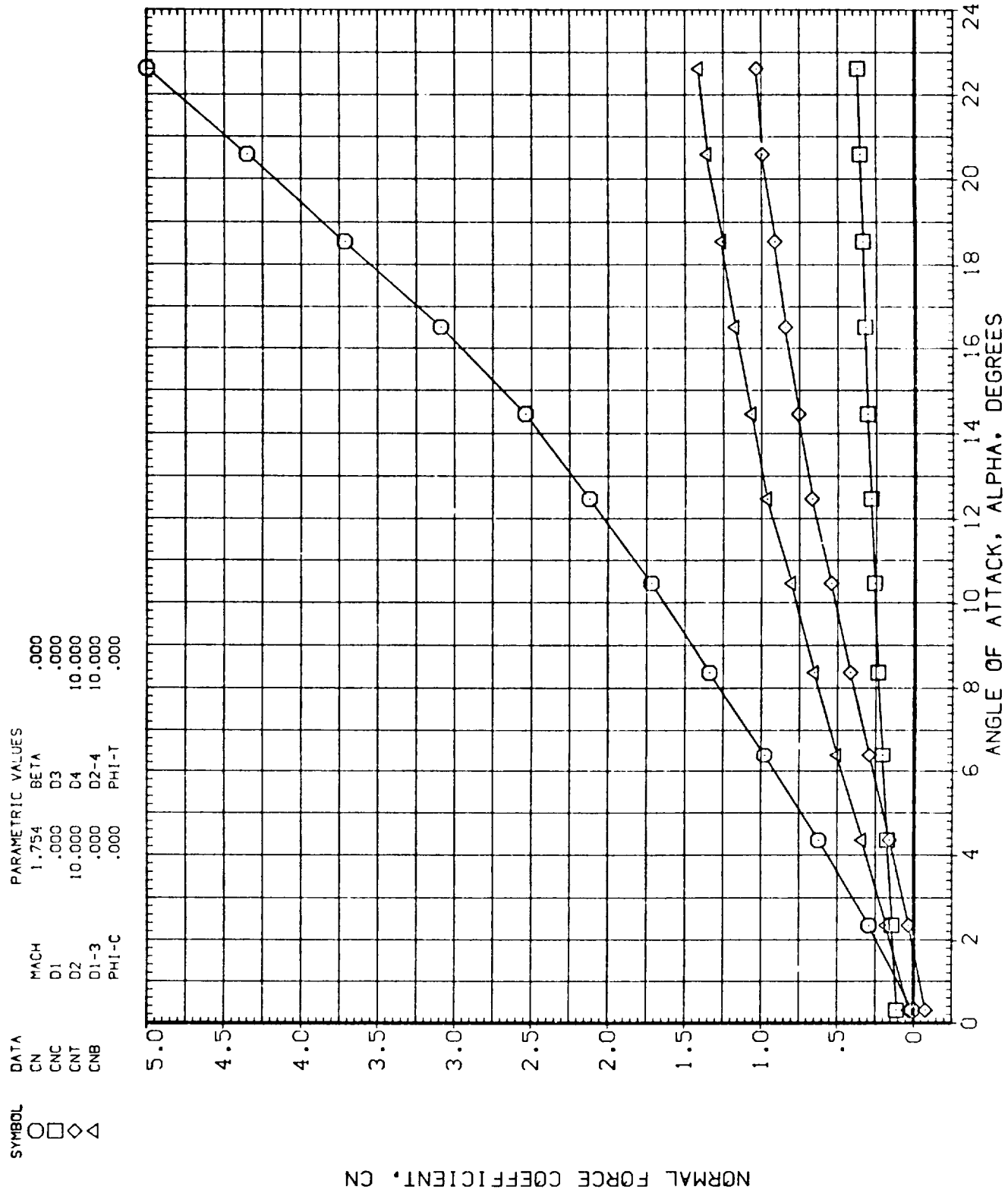


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CM	MACH	.801	BETA	.000		
○	CMC	D1	.000	D3	.000		
□	CMT	D2	10.000	D4	10.000		
◇	CMB	D1-3	.000	D2-4	10.000		
△		PHI-C	.000	PHI-T	.000		

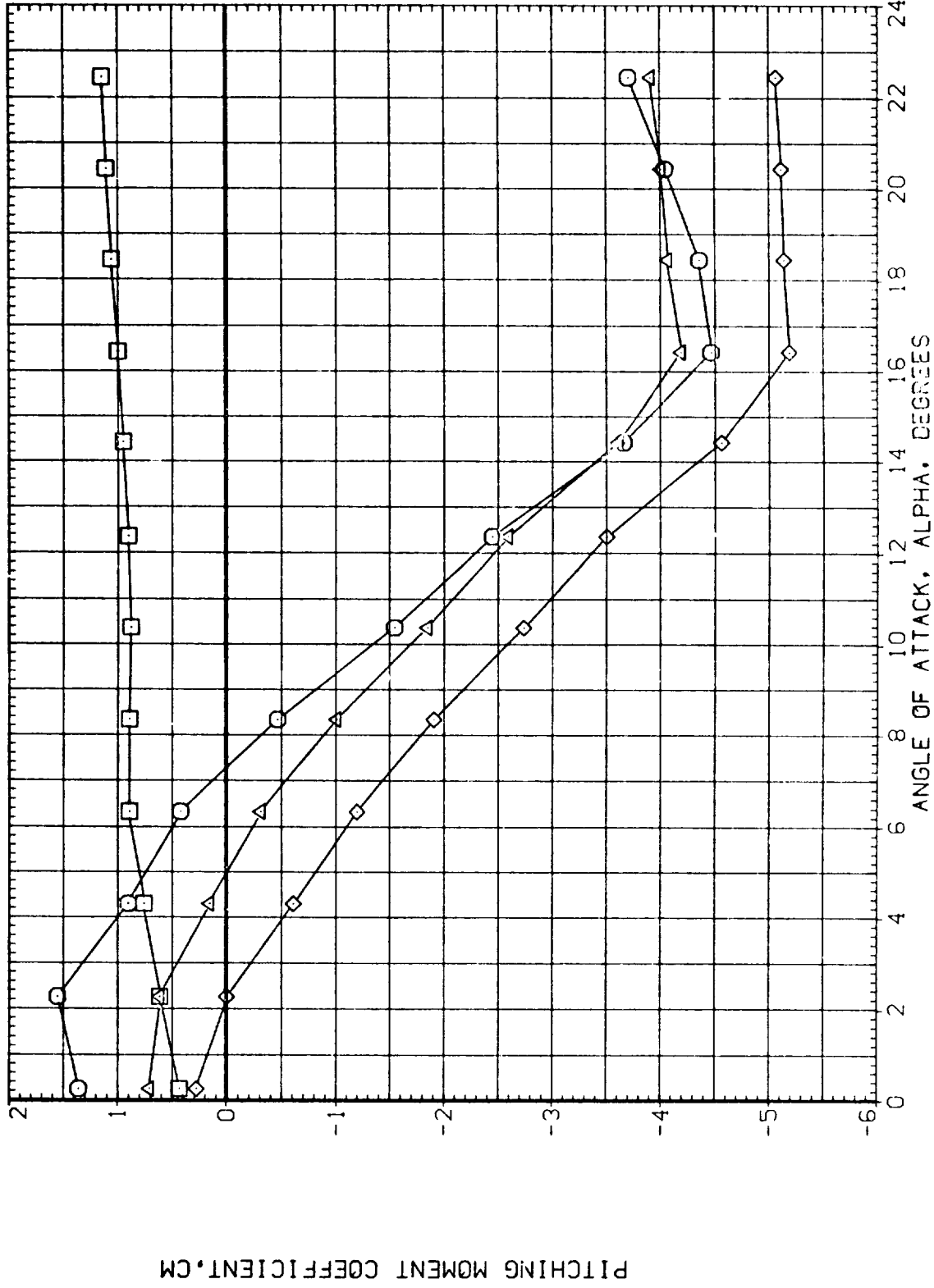


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 16 (BN3C7T1)

(LEZ255)

DATA	PARAMETRIC VALUES
CM	MACH 1.307 BETA .000
CMC	D1 .000 D3 .000
CMT	D2 10.000 D4 10.000
CMB	D1-3 .000 D2-4 10.000
	PHI-C .000 PHI-T .000

SYMBOL  
 ○  
 □  
 ◇  
 △

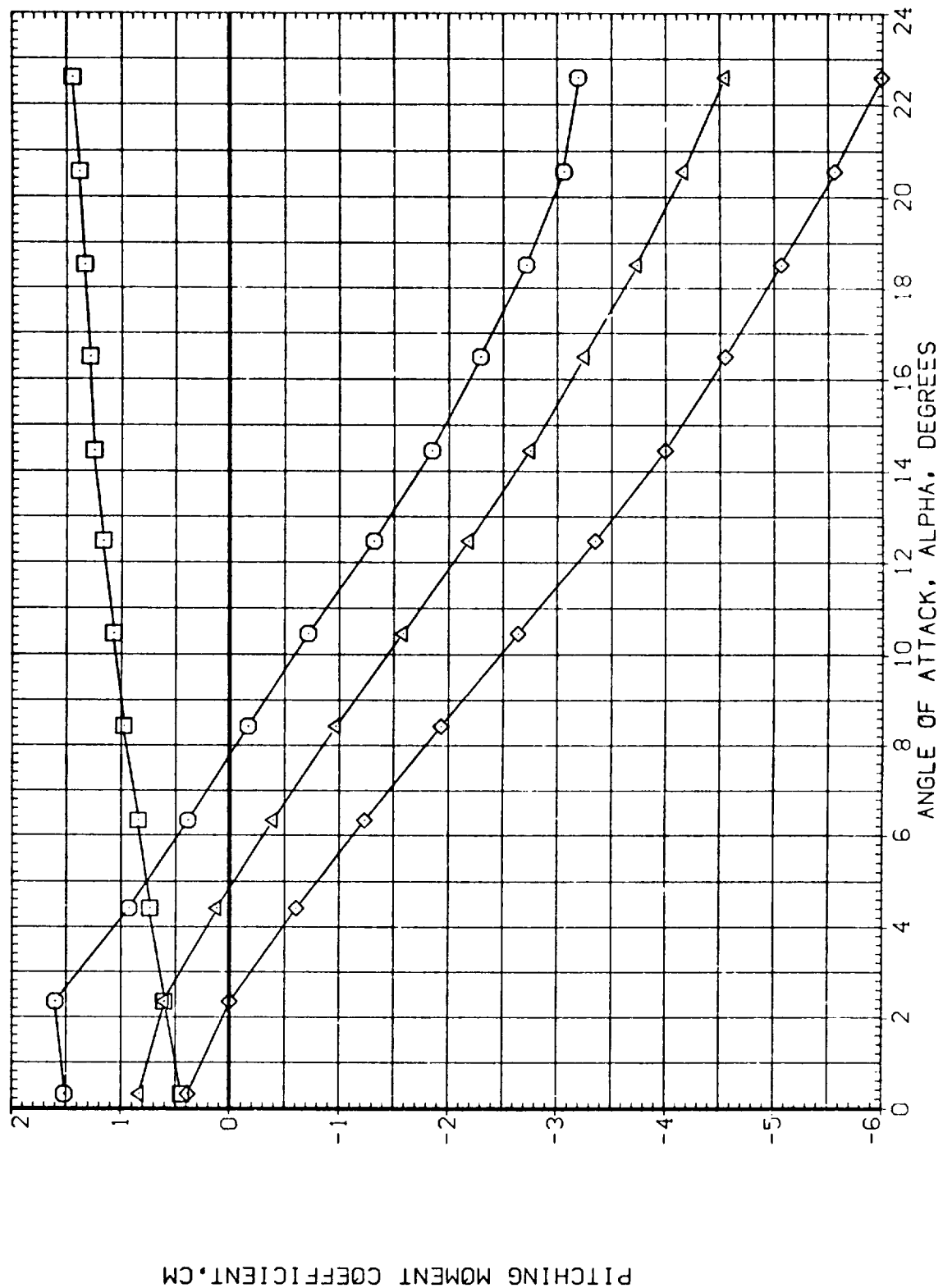


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CM	MACH	1.754	BETA	.000		
CMC	D1	.000	D3	.000			
CMT	D2	10.000	D4	10.000			
CHB	D1-3	.000	D2-4	10.000			
	PHI-C	.000	PHI-T	.000			

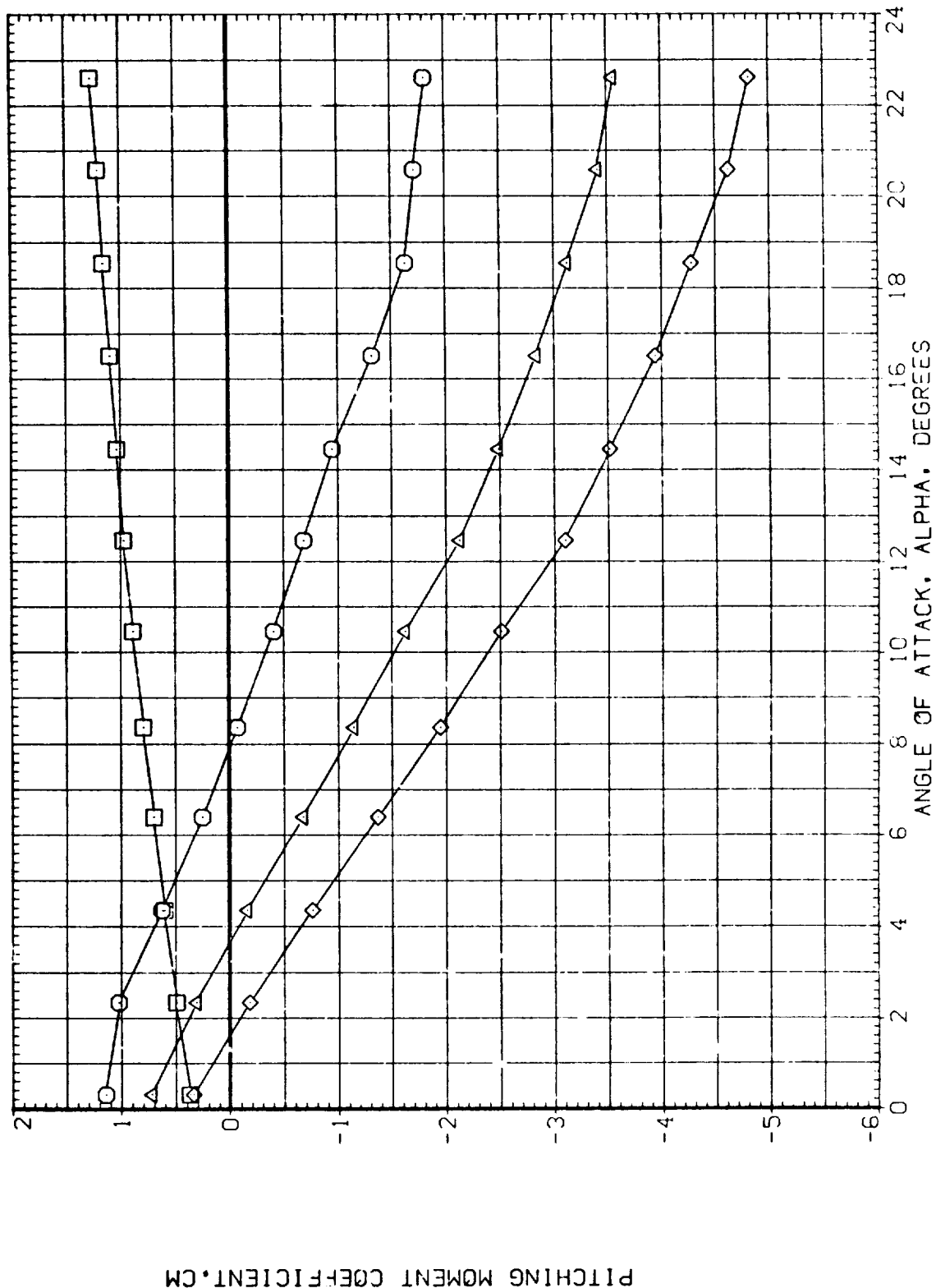


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(0EZ255)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
O	CA		
		.801	BETA .000
		.000	D3 .000
		10.000	D4 10.000
		.000	D2-4 10.000
		.000	PHI-T .000

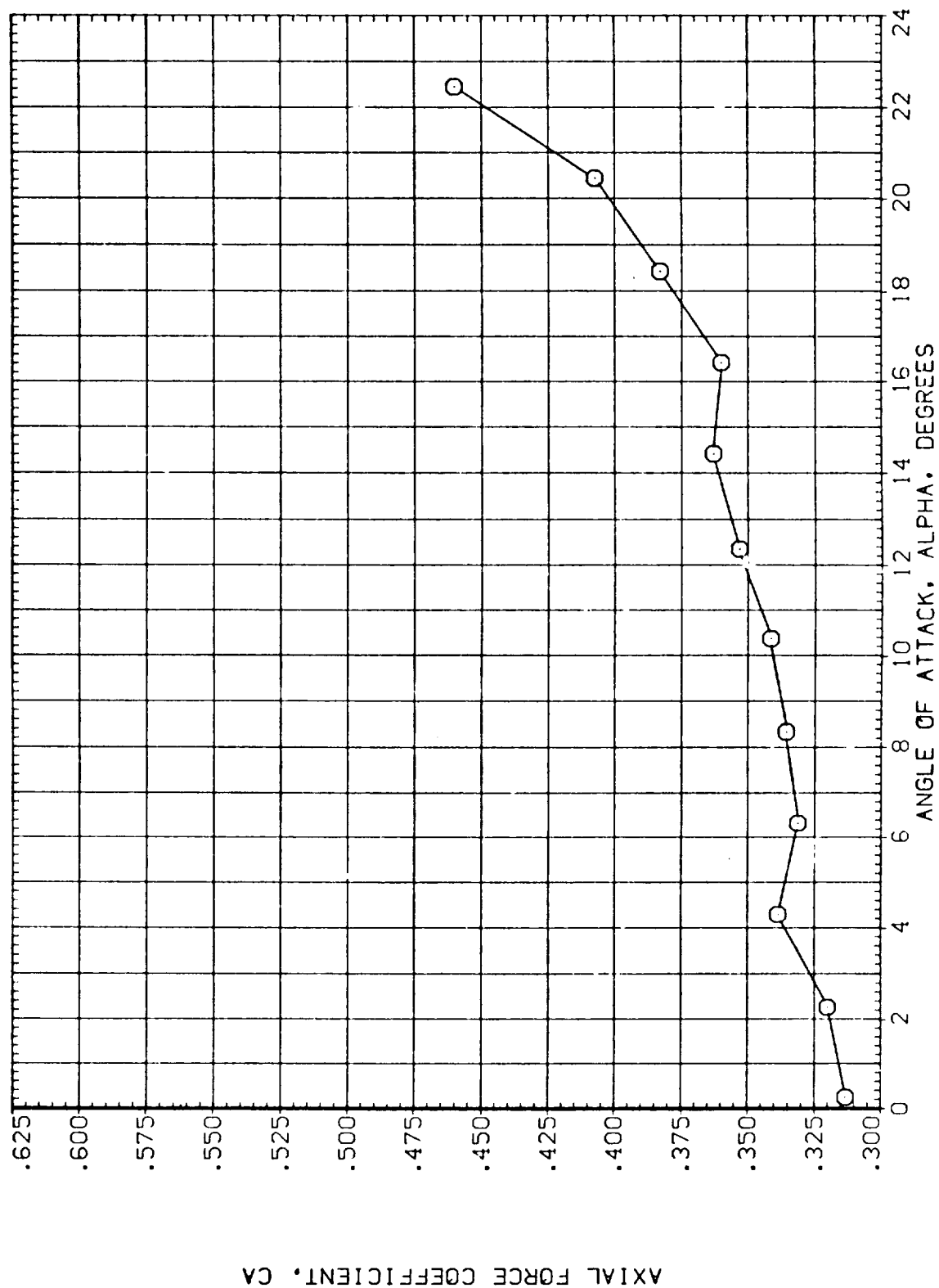


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D3	D4	PHI-T
O	CA	1.307	.000	.000	10.000	.000
		D1	.000	.000	10.000	.000
		D2	10.000	D4	10.000	.000
		D1-3	.000	D2-4	10.000	.000
		PHI-C	.000	PHI-T	.000	.000

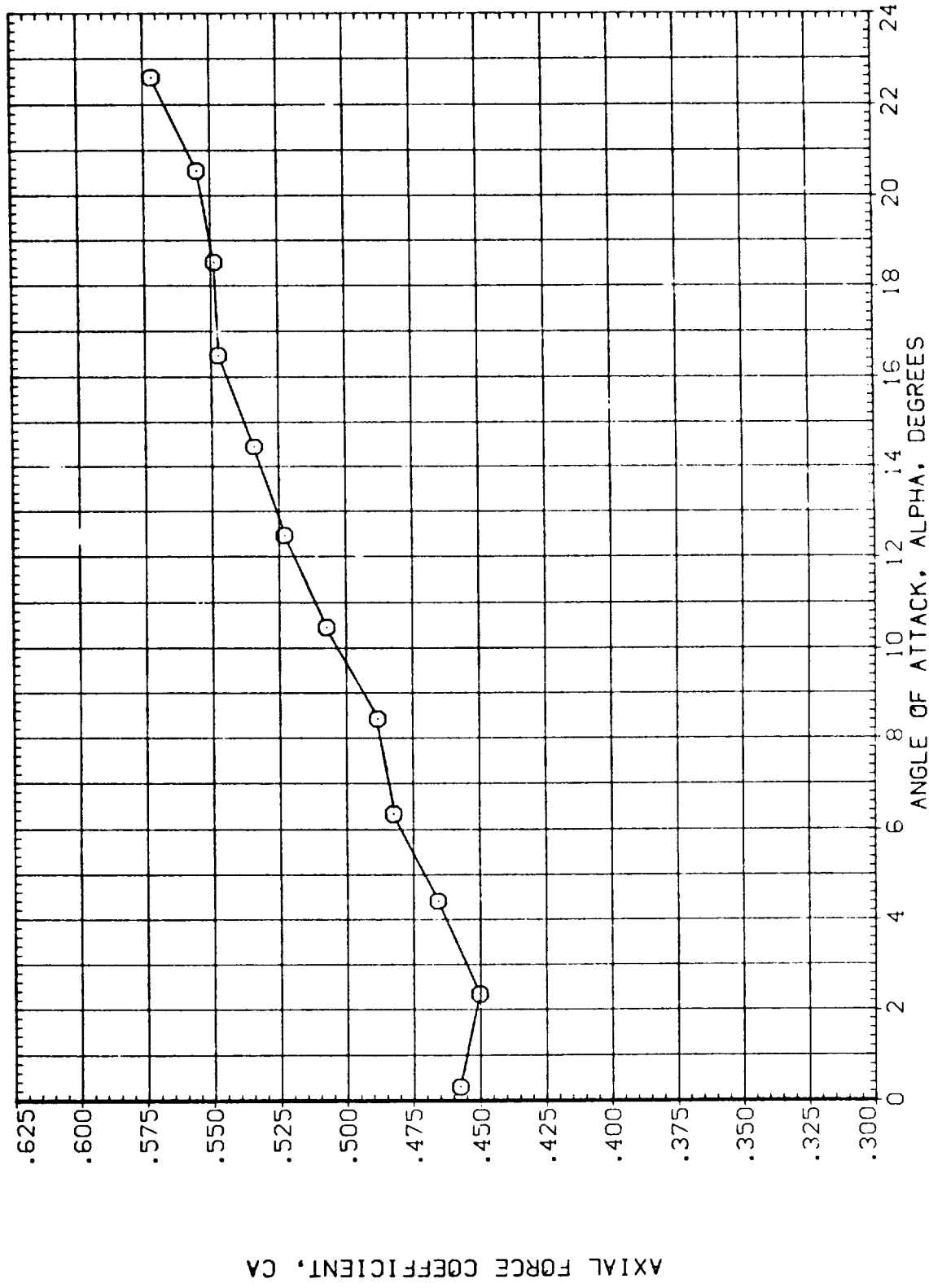


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(0EZ255)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.754	BETA	.000	
	CA	D1	.000	D3	.000	
		D2	10.000	D4	10.000	
		D1-3	.000	D2-4	10.000	
		PHI-C	.000	PHI-T	.000	

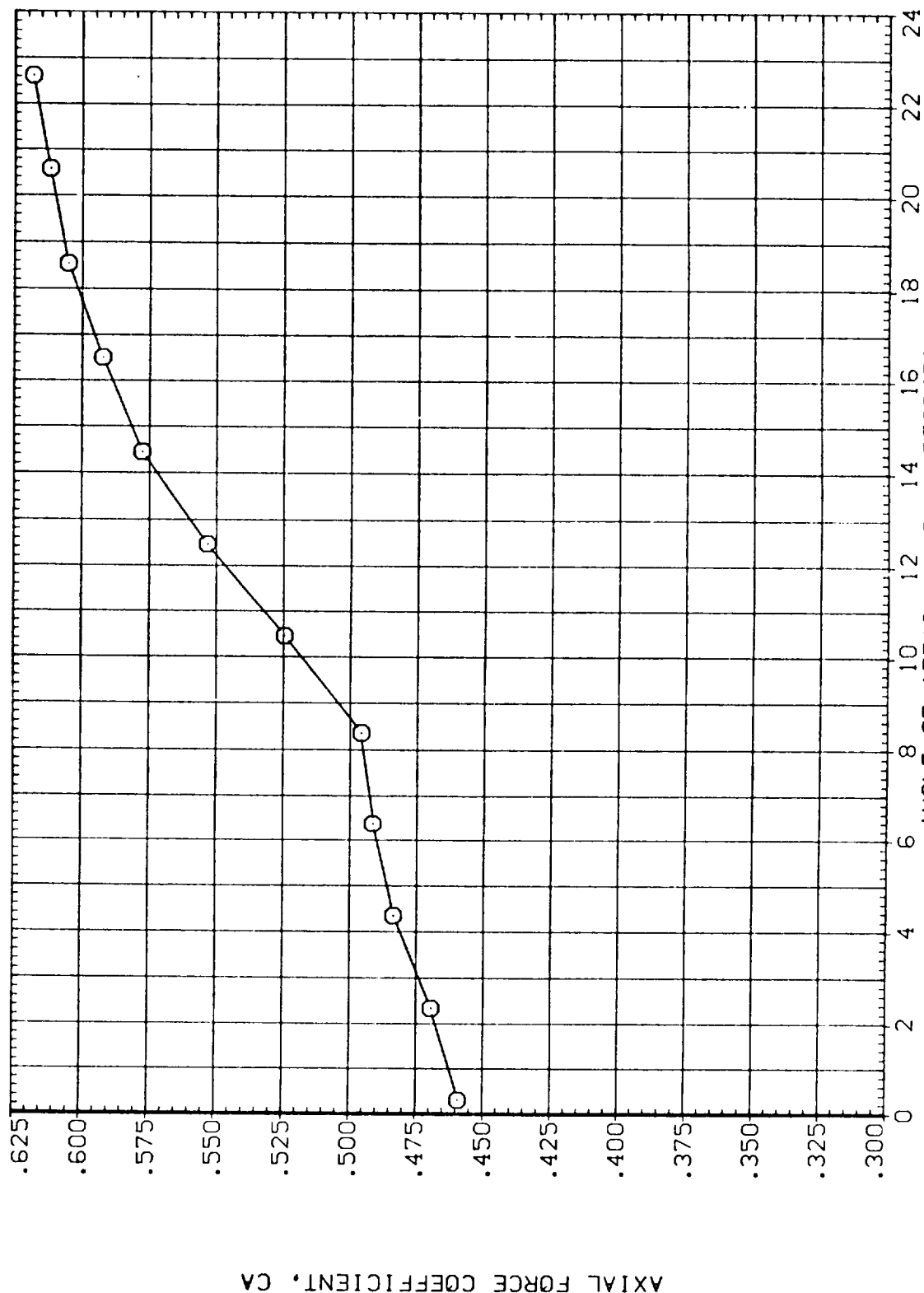


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CY	CYC	MACH	.801	BETA	.000	
○			D1	.000	D3	.000	
□			D2	10.000	D4	10.000	
◇			U1-3	.000	D2-4	10.000	
△			PHI-C	.000	PHI-T	.000	

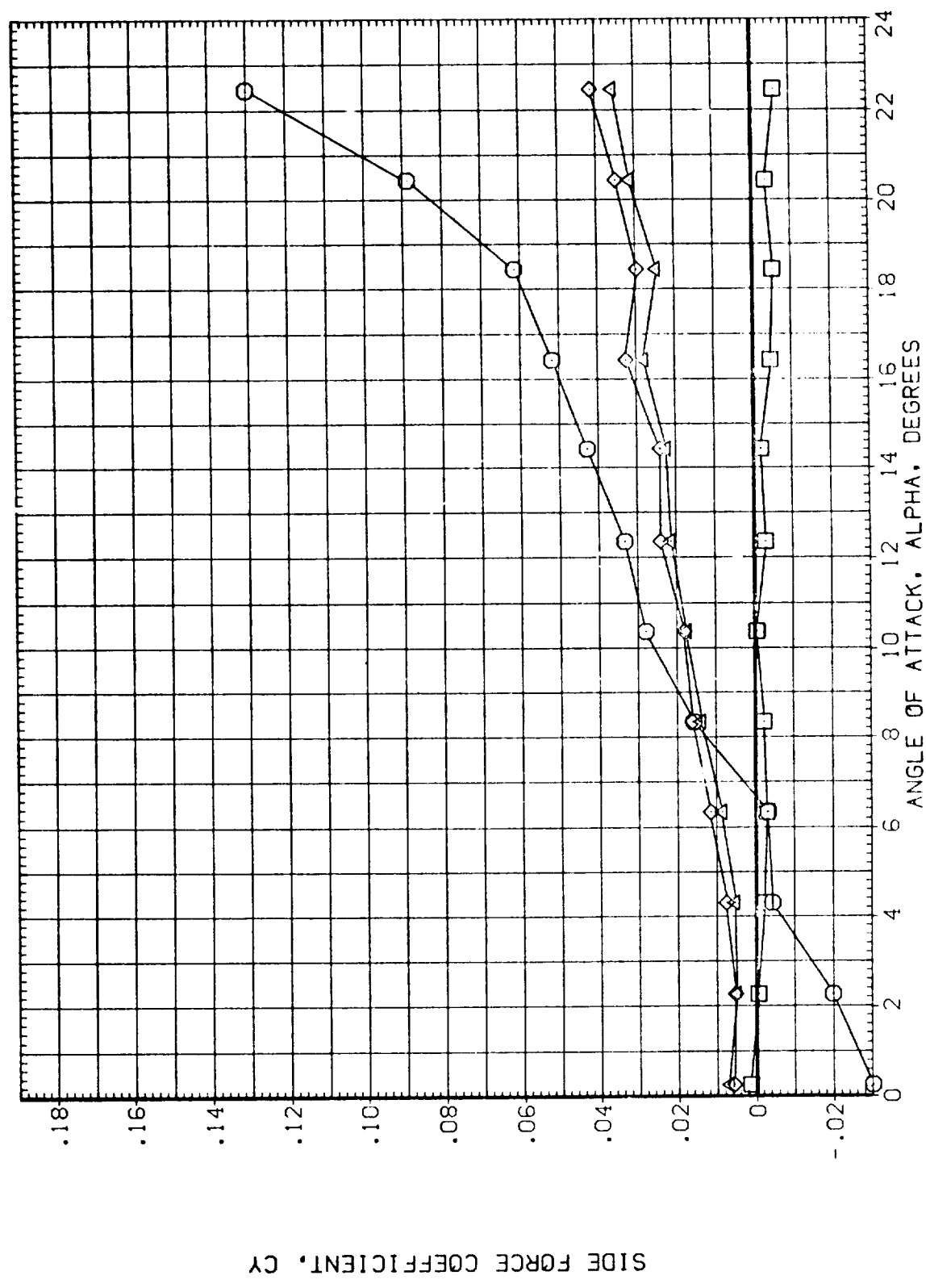


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(MEZ255)

DATA	MACH	PARAMETRIC VALUES	
CY	D1	1.307	BETA .000
CYC	D2	.000	D3 .000
CYT	D1-3	10.000	D4 10.000
CYB	PHI-C	.000	D2-4 10.000
		.000	PHI-T .000

SYMBOL  
 ○  
 □  
 ◇  
 △

SIDE FORCE COEFFICIENT, CY

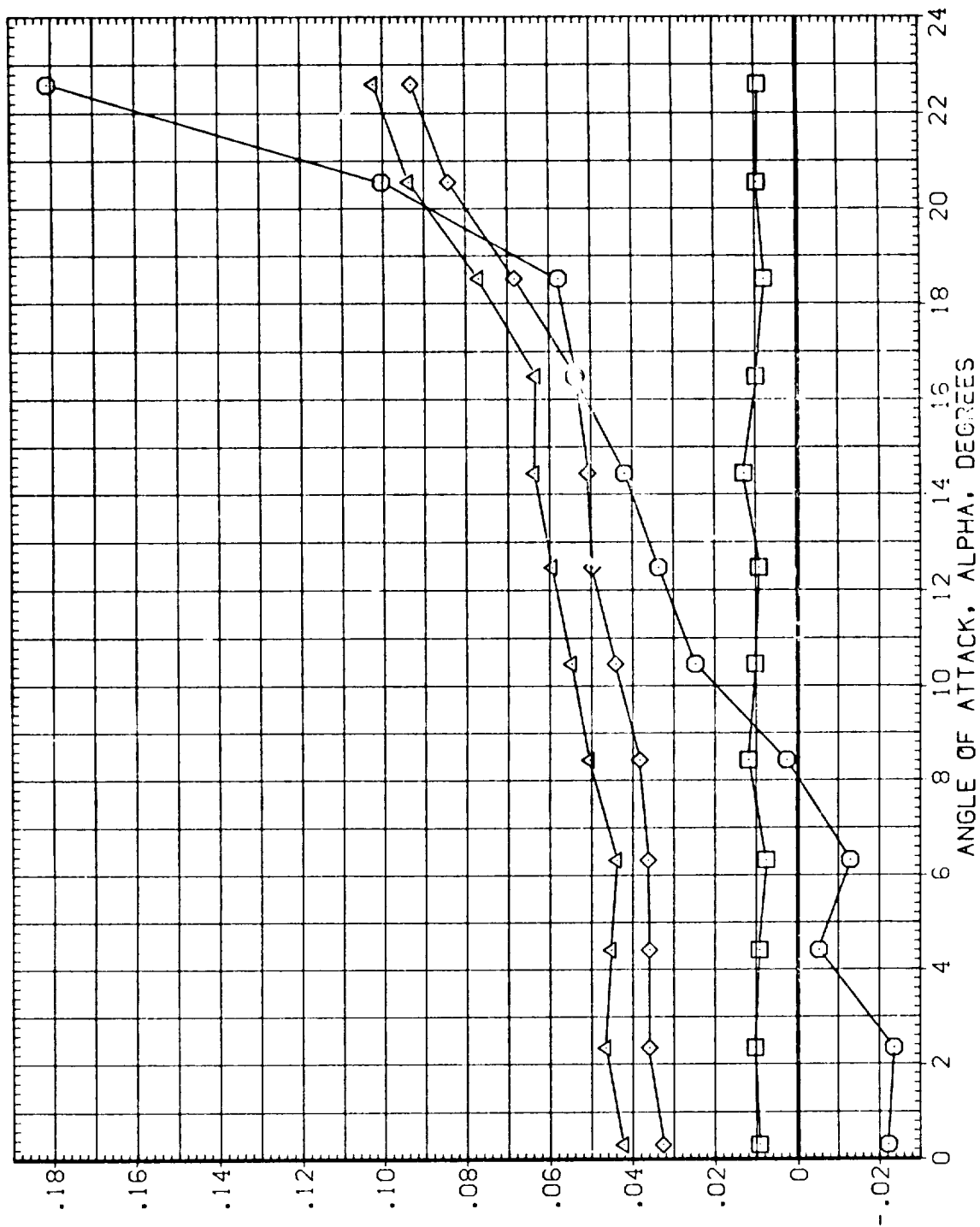


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

DATA	MACH	PARAMETRIC VALUES
CY	D1	BETA
CYC	D2	D3
CYT	D1-3	D4
CYB	PHI-C	D2-4
		PHI-T

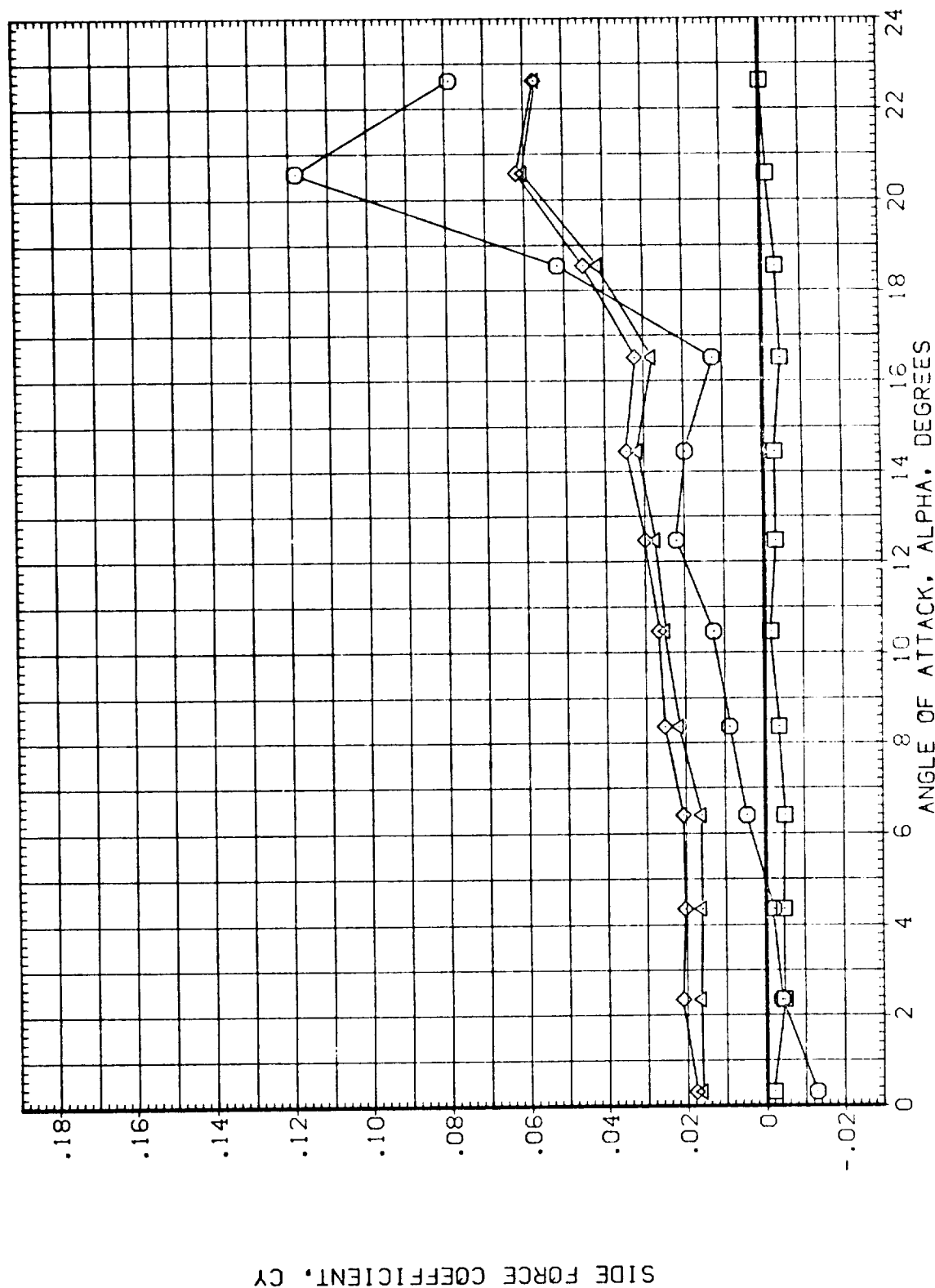


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 16 (BNGCTT1)

(MEZ255)

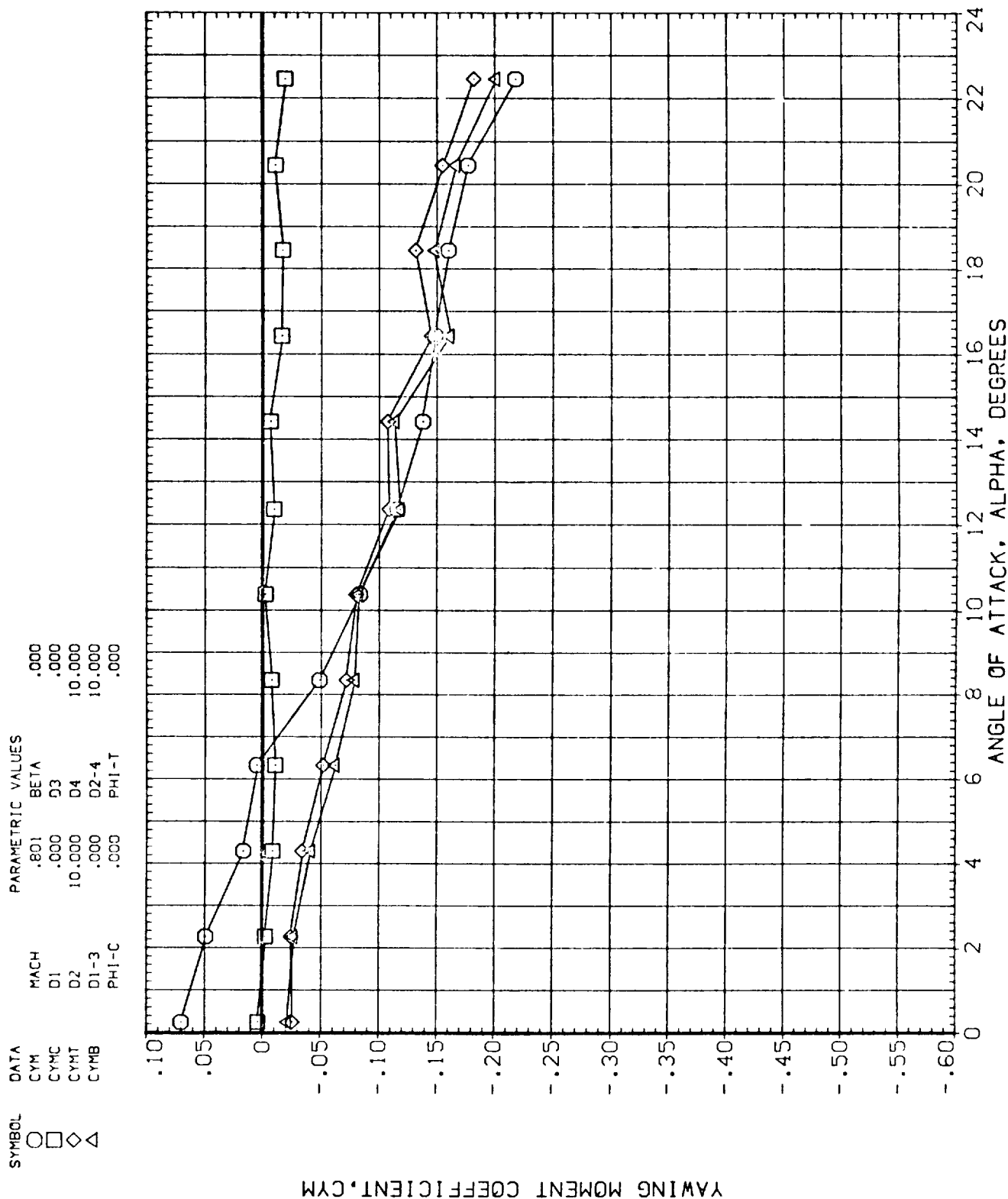


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CYM	MACH	1.307	BETA	.000		
○	CYMC	D1	.000	D3	.000		
□	CYHT	D2	10.000	D4	10.000		
◇	CYMB	D1-3	.000	D2-4	10.000		
△		PHI-C	.000	PHI-T	.000		

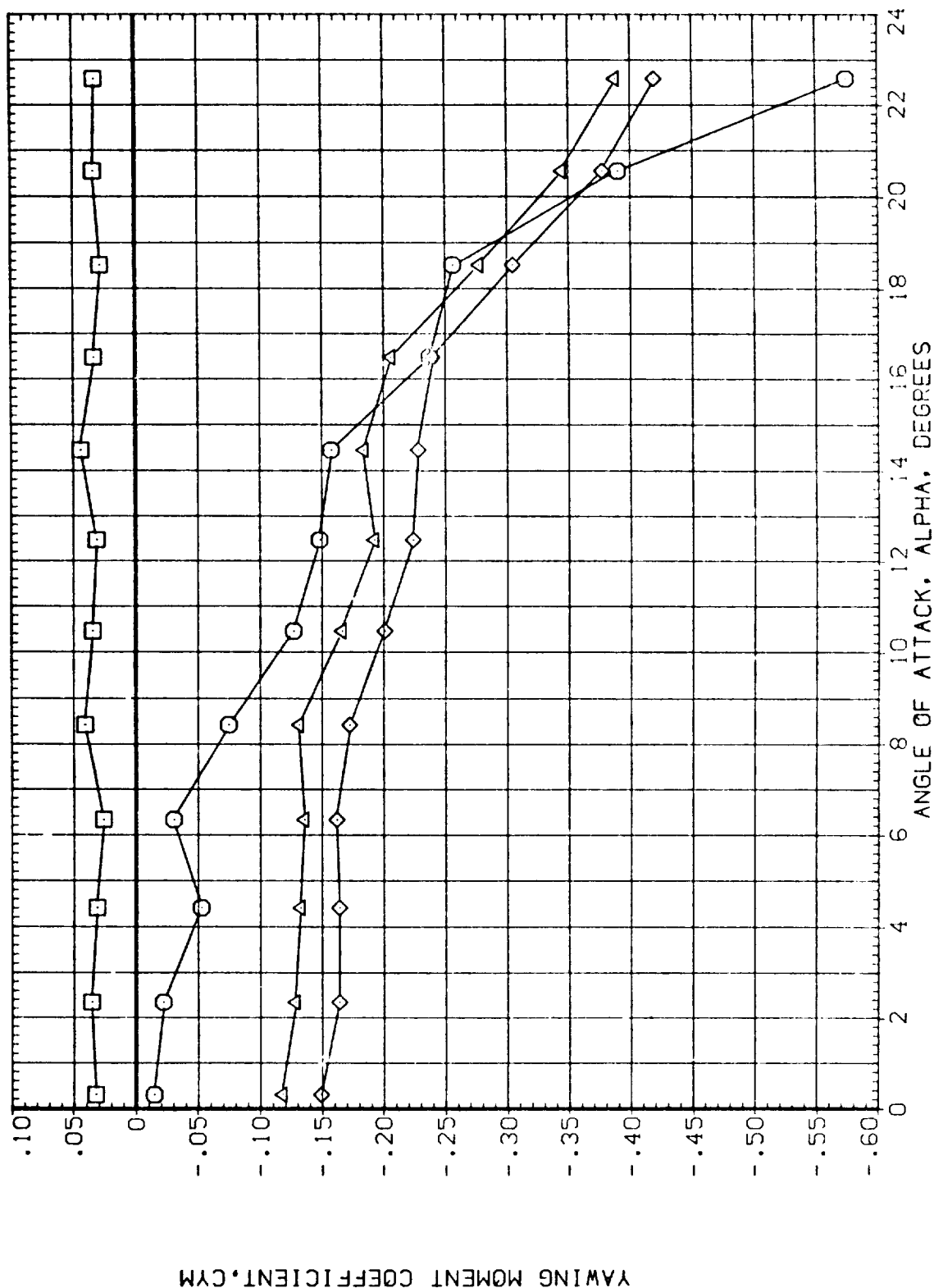


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(MEZ255)

SYMBOL  
○ □ ◇ △

DATA	MACH	PARAMETRIC VALUES
CYM	1.754	BETA .000
CYMC	D1	.000 D3 .000
CYMT	D2	10.000 D4 10.000
CYMB	D1-3	.000 D2-4 10.000
	PHI-C	.000 PHI-T .000

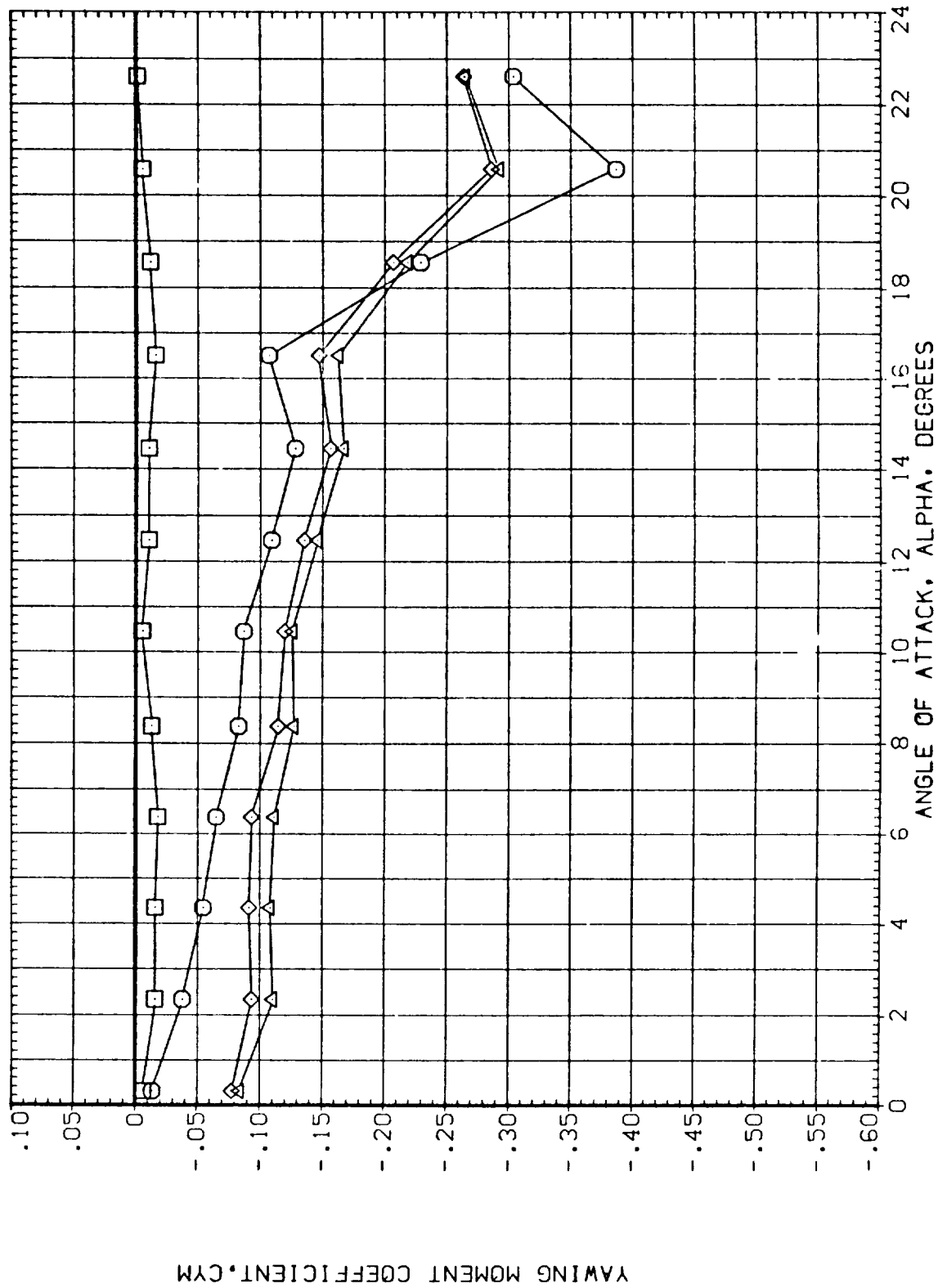


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CRM	MACH	.801	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRM	D2	10.000	D4	10.000		
◇	CRM	D1-3	.000	D2-4	10.000		
△	CRM	PHI-C	.000	PHI-T	.000		

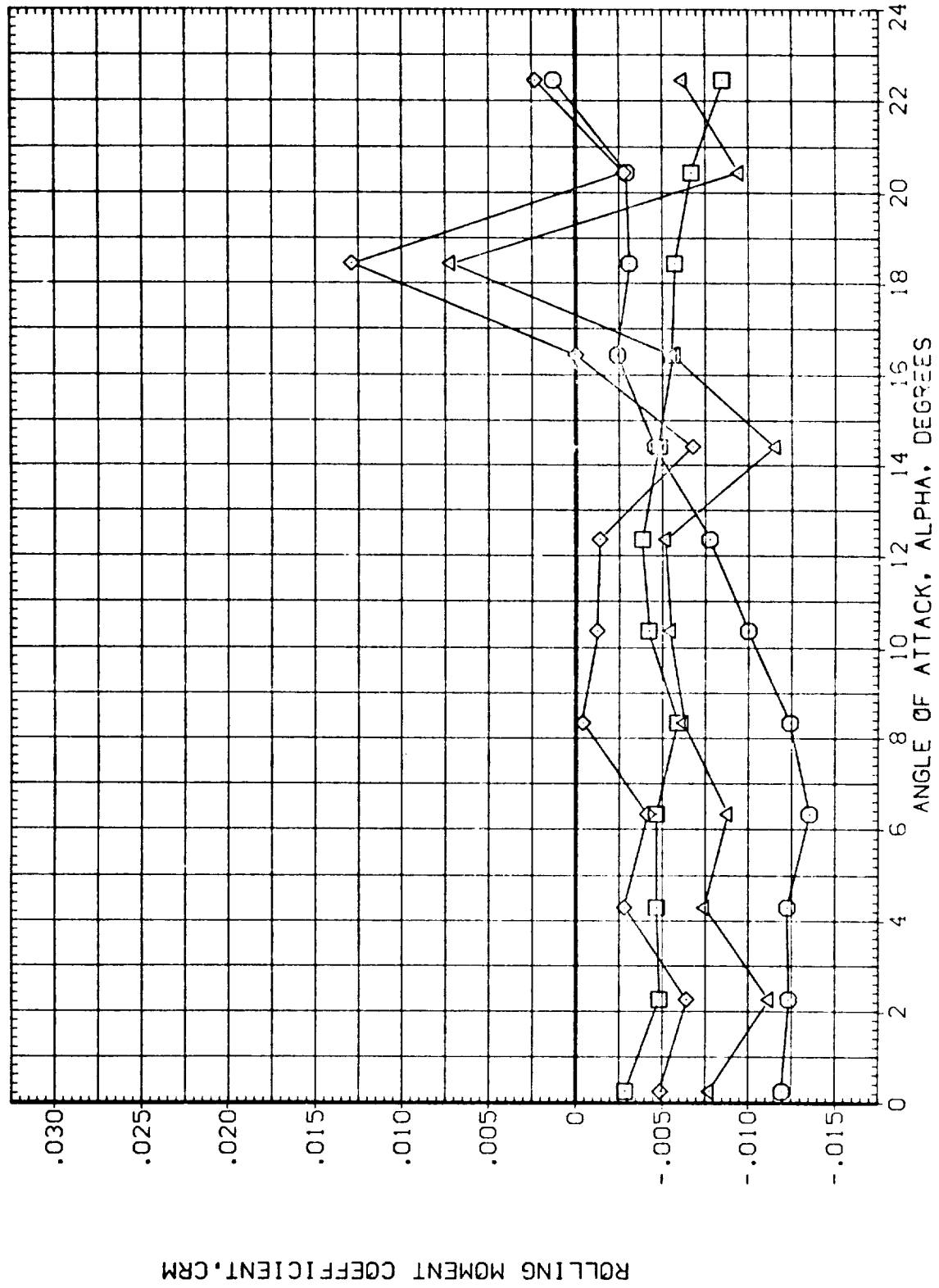


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(NEZ255)

DATA	MACH	PARAMETRIC VALUES
CRM		BETA .000
CRMC	D1	D3 .000
CRMT	D2	D4 10.000
CRMB	D1-3	D2-4 10.000
	PHI-C	PHI-T .000

SYMBOL  
 ○  
 □  
 ◇  
 △

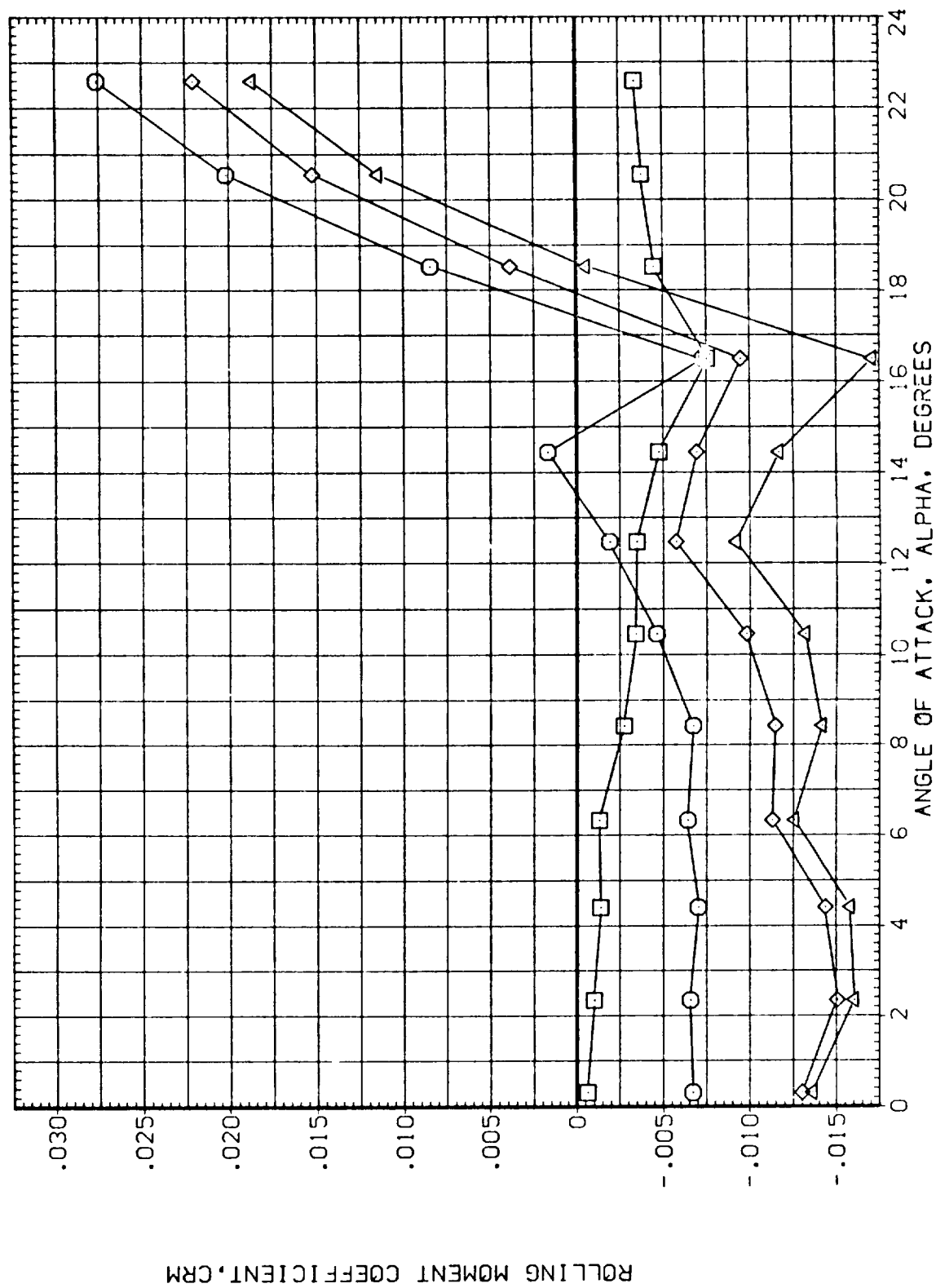


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CRM	MACH	1.754	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRM	D2	10.000	D4	10.000		
◇	CRM	D1-3	.000	D2-4	10.000		
△	CRM	PHI-C	.000	PHI-T	.000		

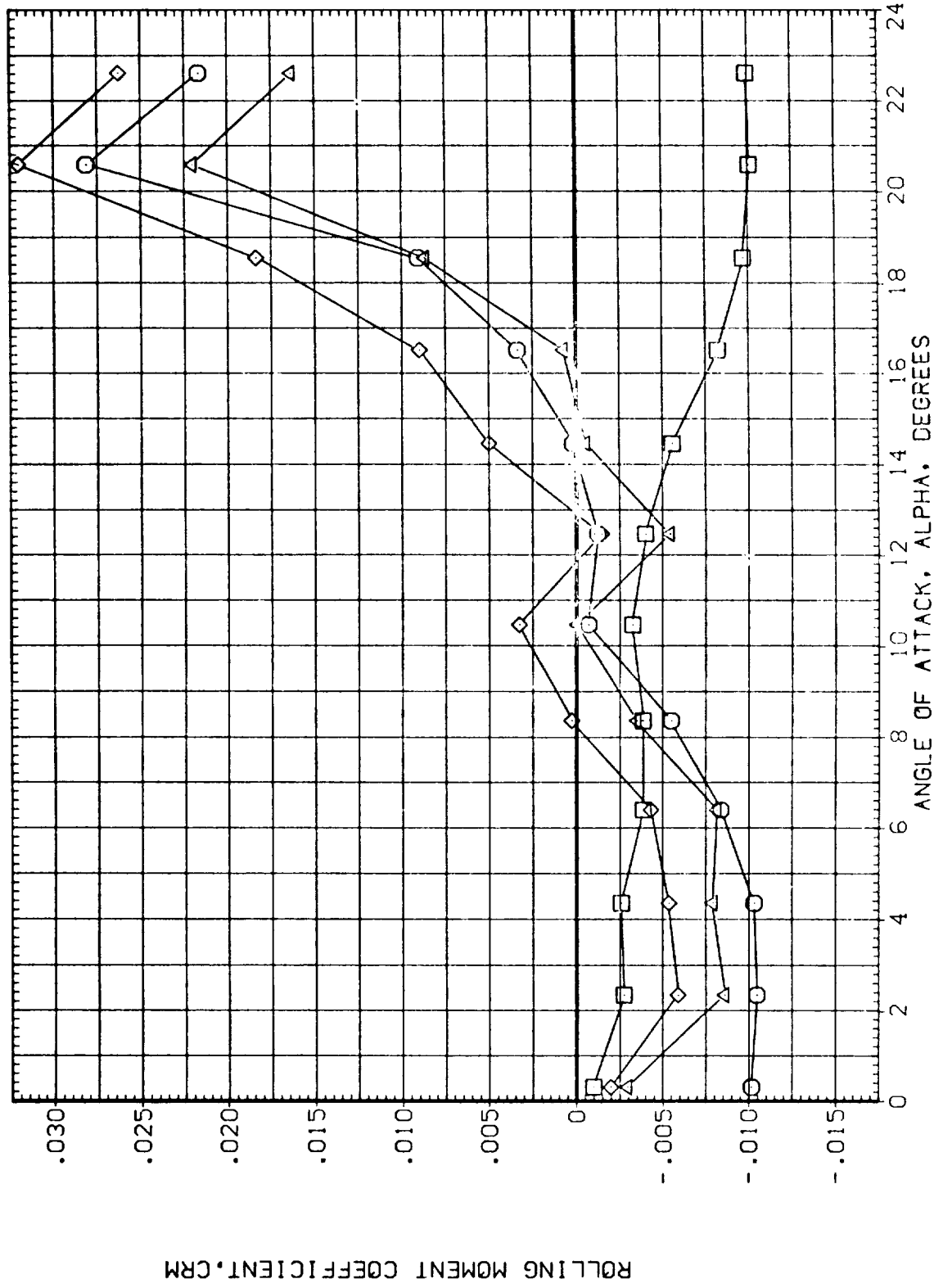


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(LEZ256)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
○	CN	D1	.797 BETA .000
□	CNC	D2	.000 D3 .000
◇	CNT	D1-3	15.000 D4 15.000
△	CNB	PHI-C	.000 D2-4 15.000
		PHI-T	.000

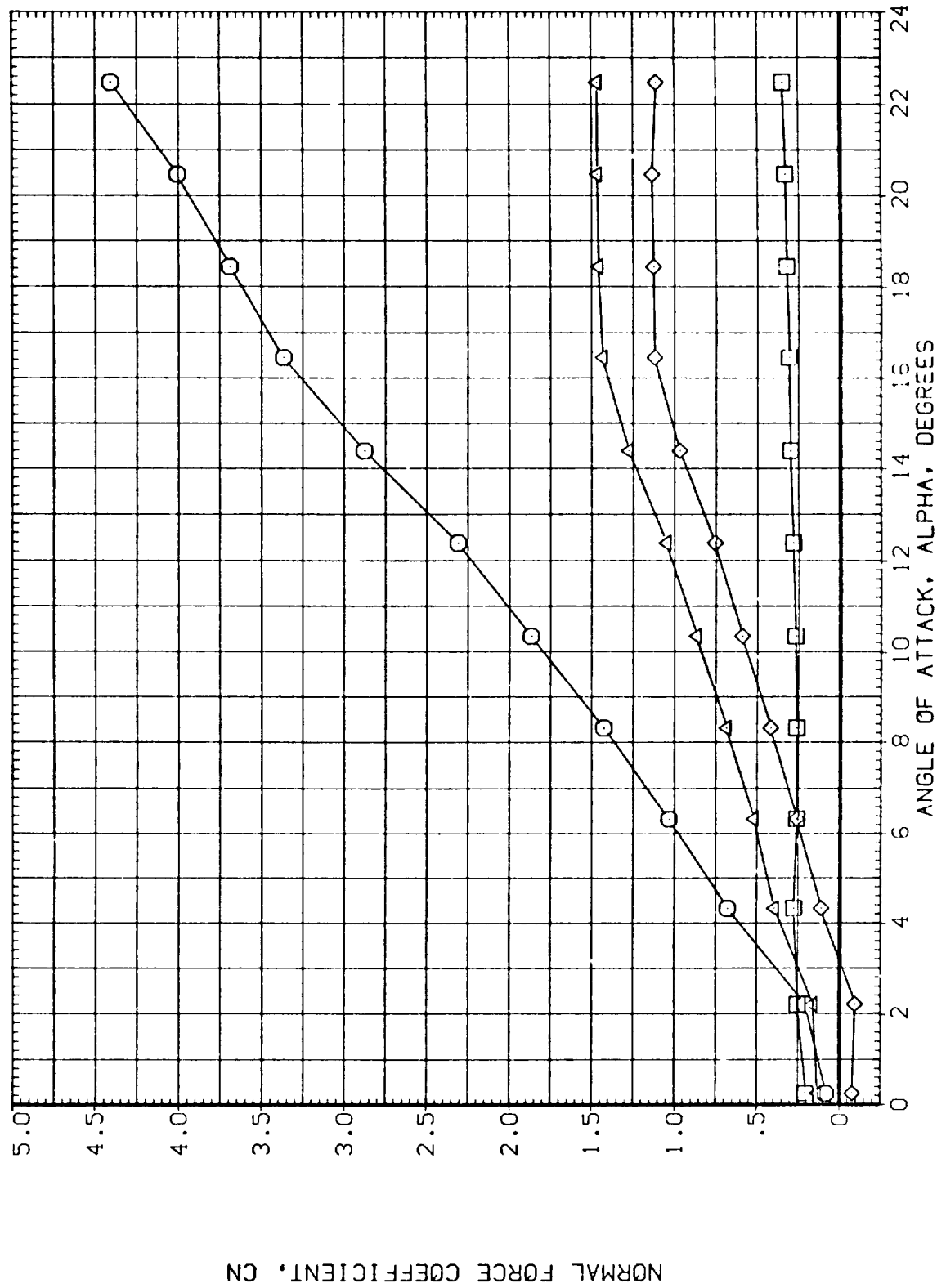


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ2256)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA		PARAMETRIC VALUES				
	CN	MACH	1.307	BETA	.000		
○	CNC	D1	.000	D3	.000		
□	CNT	D2	15.000	D4	15.000		
◇	CNB	D1-3	.000	D2-4	15.000		
△		PHI-C	.000	PHI-T	.000		

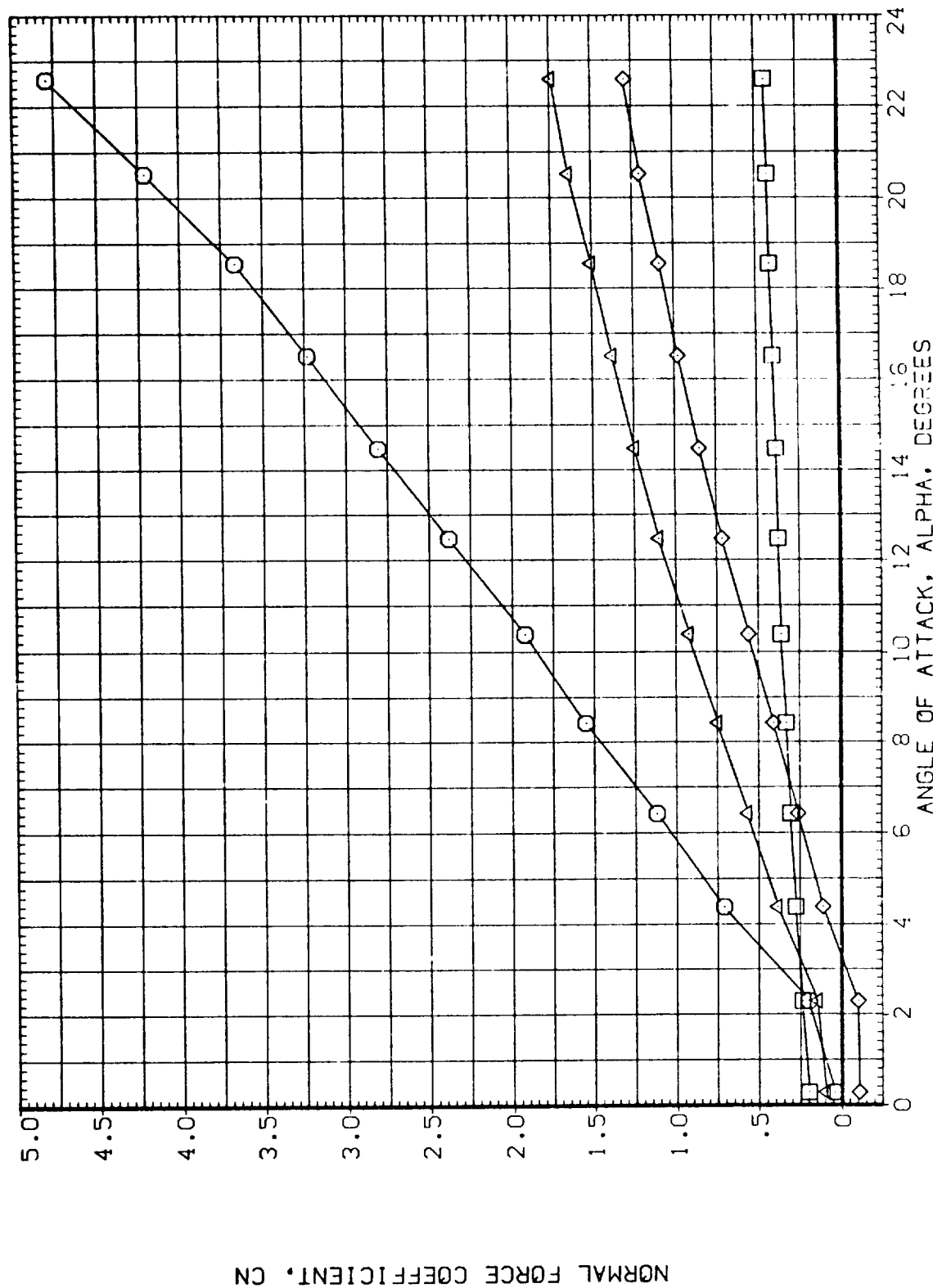


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 16 (BN3C7T1)

(LEZ256)

DATA	MACH	PARAMETRIC VALUES
CN	1.750	BETA .000
CNC	D1 .000	D3 .000
CNT	D2 15.000	D4 15.000
CNB	D1-3 .000	D2-4 15.000
	PHI-C .000	PHI-T .000

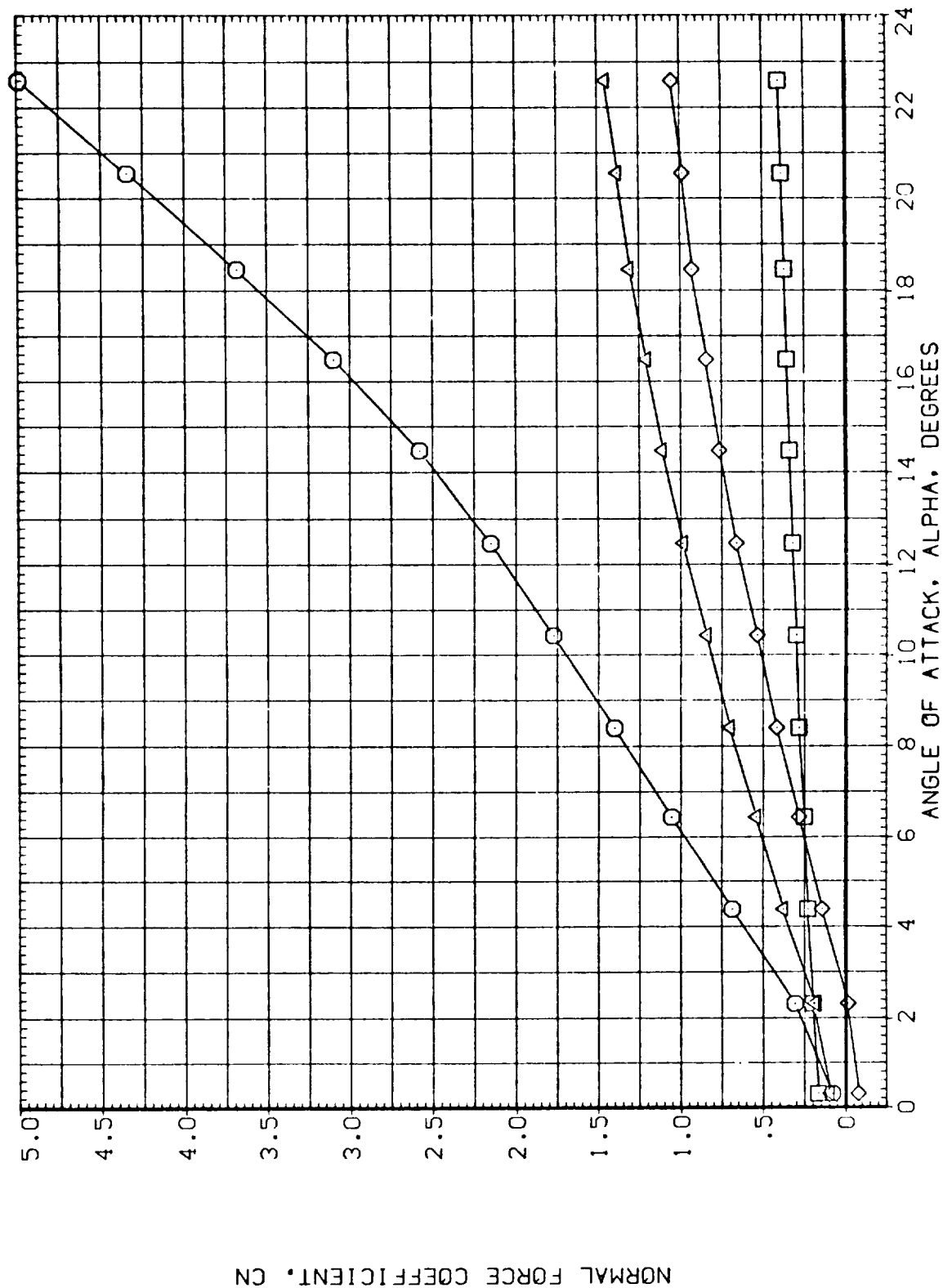


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	MACH	PARAMETRIC VALUES	
CM	.797	BETA	.000
CMC	.000	D3	.000
CMT	15.000	D4	15.000
CHB	D1-3	D2-4	15.000
	PHI-C	PHI-T	.000

SYMBOL  
○ □ ◇ △

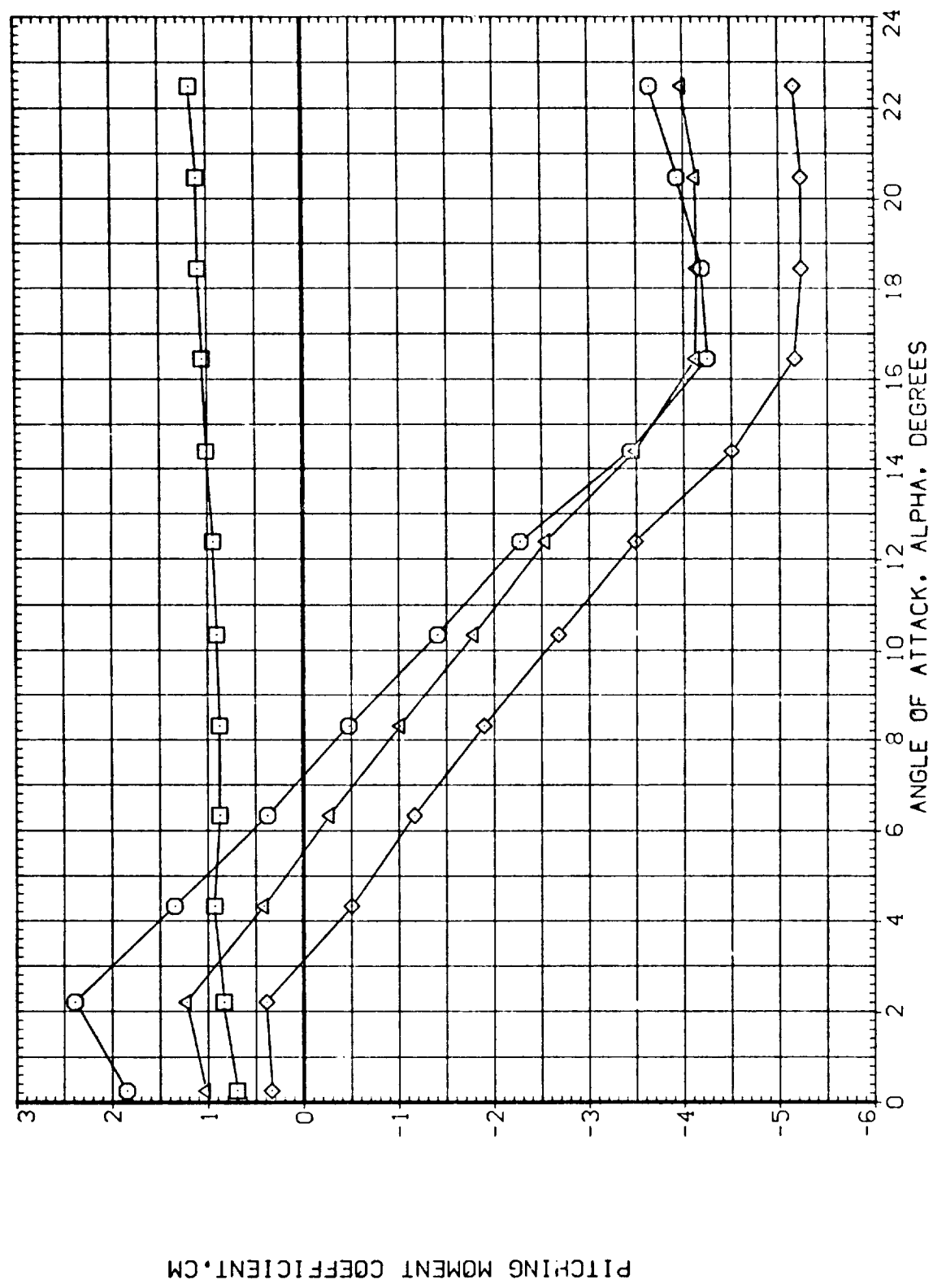


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(LEZ256)

DATA	PARAMETRIC VALUES	
CM	MACH	.000
CMC	D1	.000
CMT	D2	15.000
CHB	D1-3	.000
	PHI-C	.000
	BETA	.000
	D3	.000
	D4	15.000
	D2-4	15.000
	PHI-T	.000

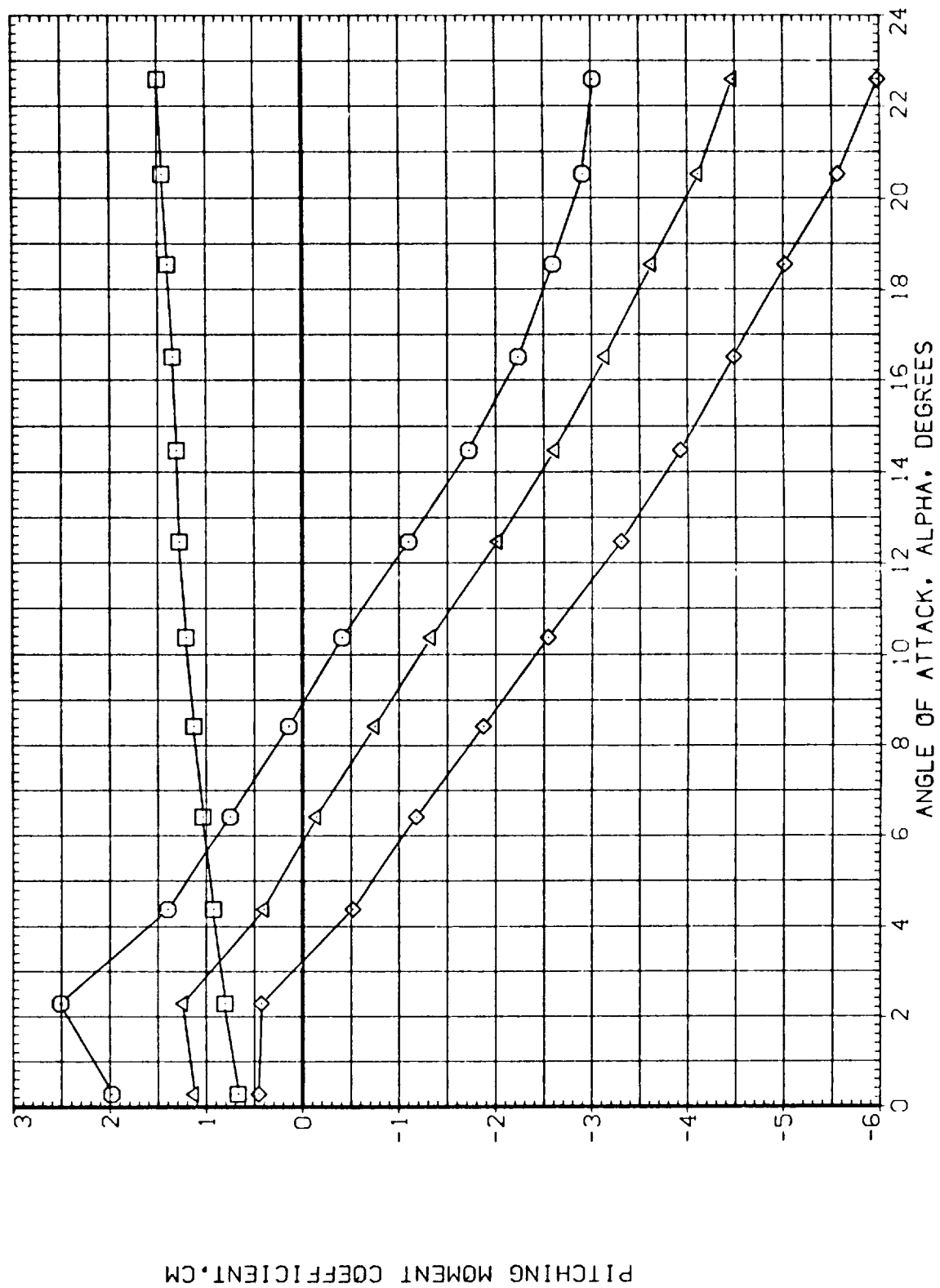


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CM	MACH	1.750	BETA	.000	
○	CMC	D1	.000	D3	.000	
□	CMT	D2	15.000	D4	15.000	
◇	CHB	D1-3	.000	D2-4	15.000	
△		PHI-C	.000	PHI-T	.000	

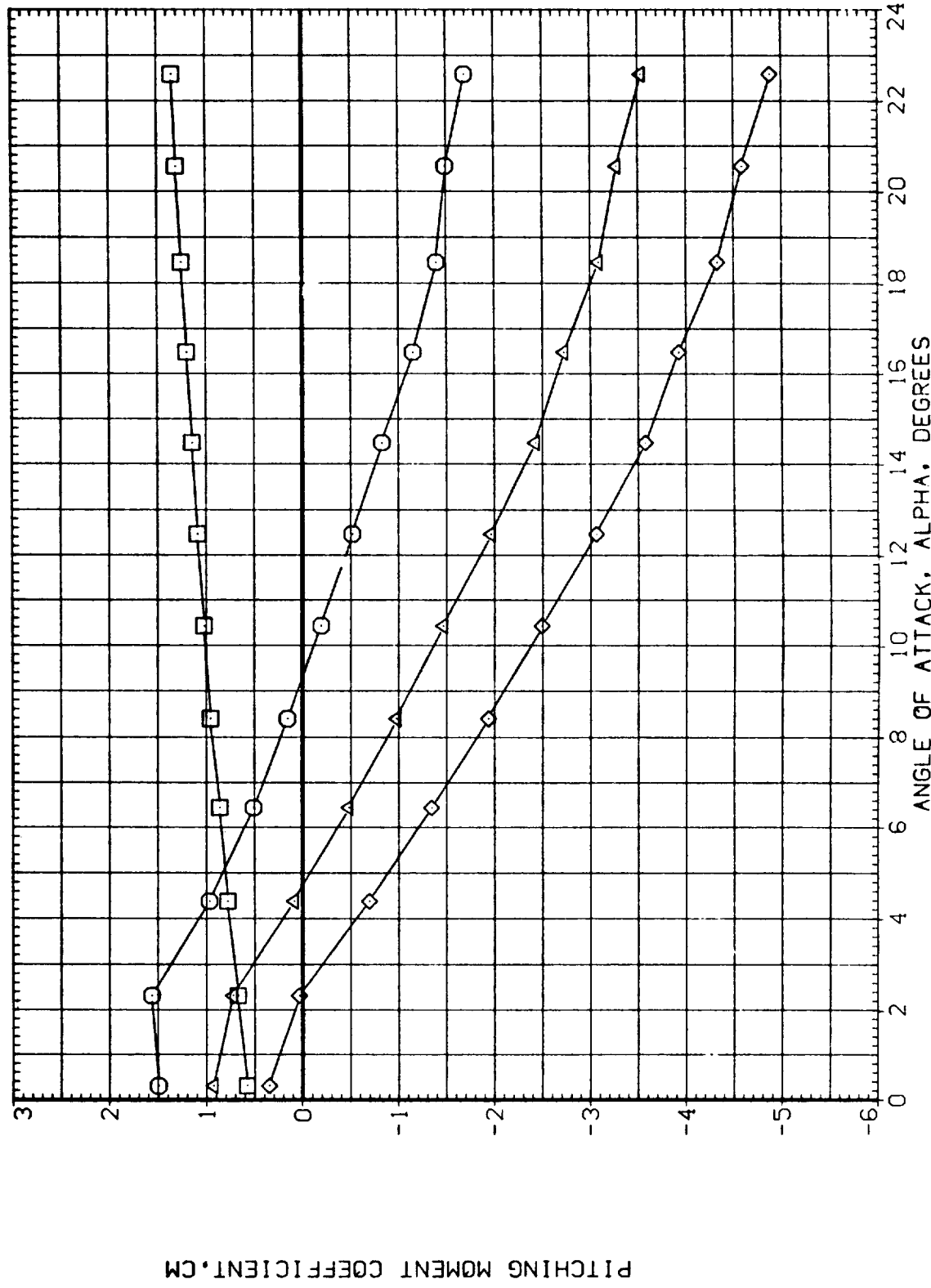


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ256)

CONFIGURATION 16 (BN3C7T1)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	.797	BETA	.000
O	CA	D1	.000	D3	.000
		D2	15.000	D4	15.000
		D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

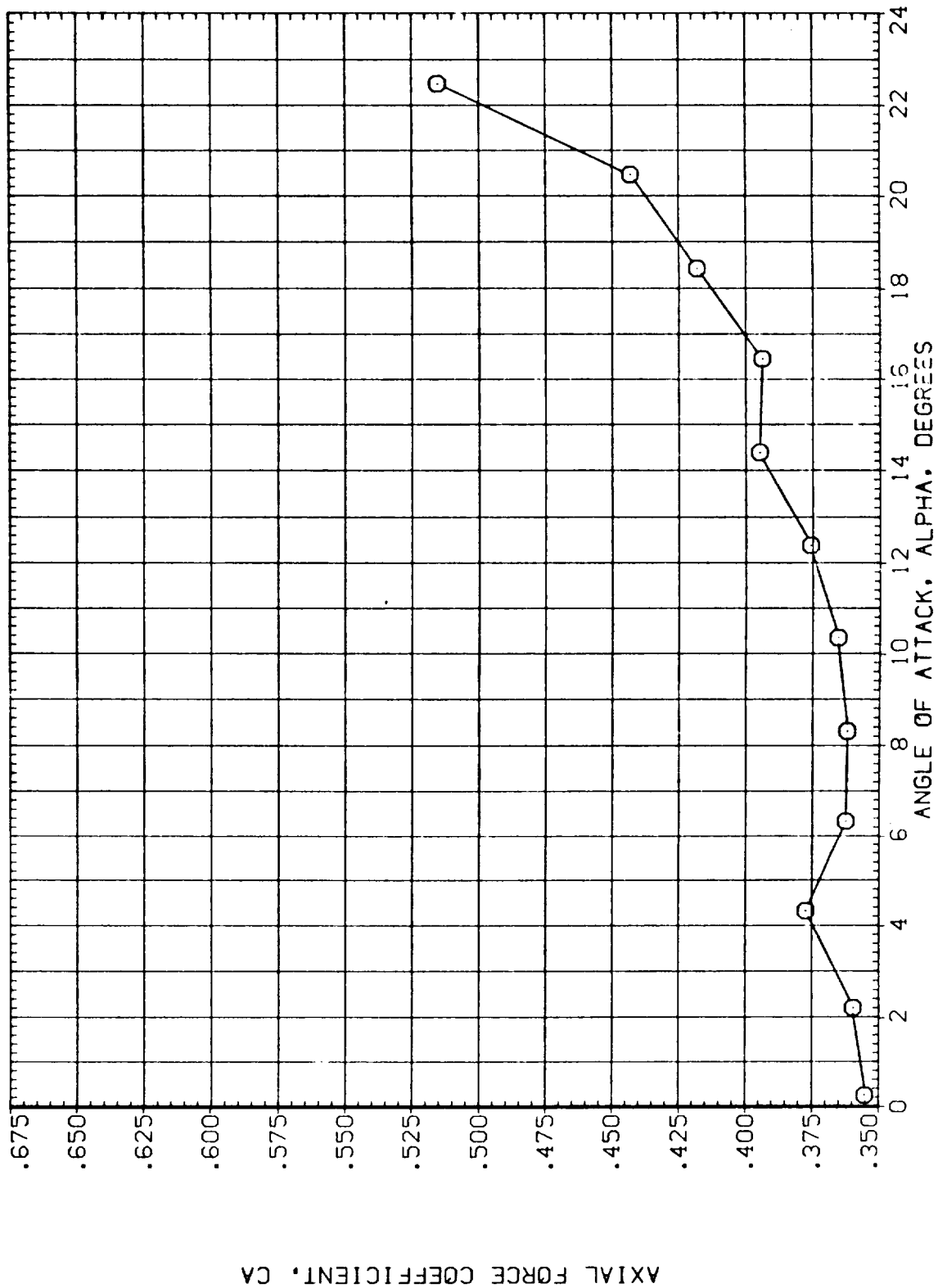


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ256)

DATA  
CA

MACH  
D1  
D2  
D1-3  
PHI-C

### PARAMETRIC VALUES

1.307	BETA	.000
.000	D3	.000
15.000	D4	15.000
.000	D2-4	15.000
.000	PHI-1	.000

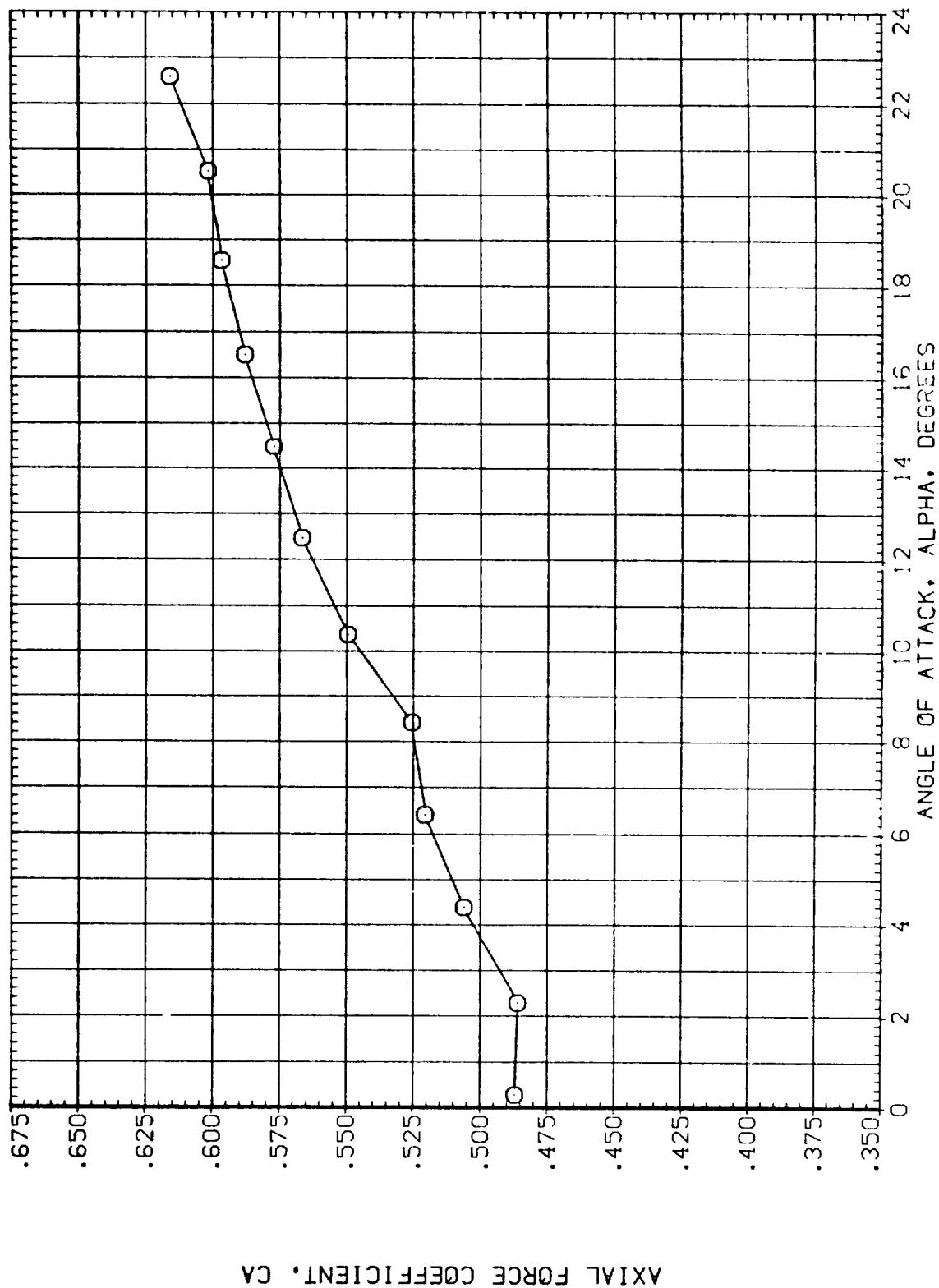


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

(0EZ256)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	1.750	BETA	.000
	CA	D1	.000	D3	.000
		D2	15.000	D4	15.000
		D1-3	.000	D2-4	15.000
		PHI-C	.000	PHI-T	.000

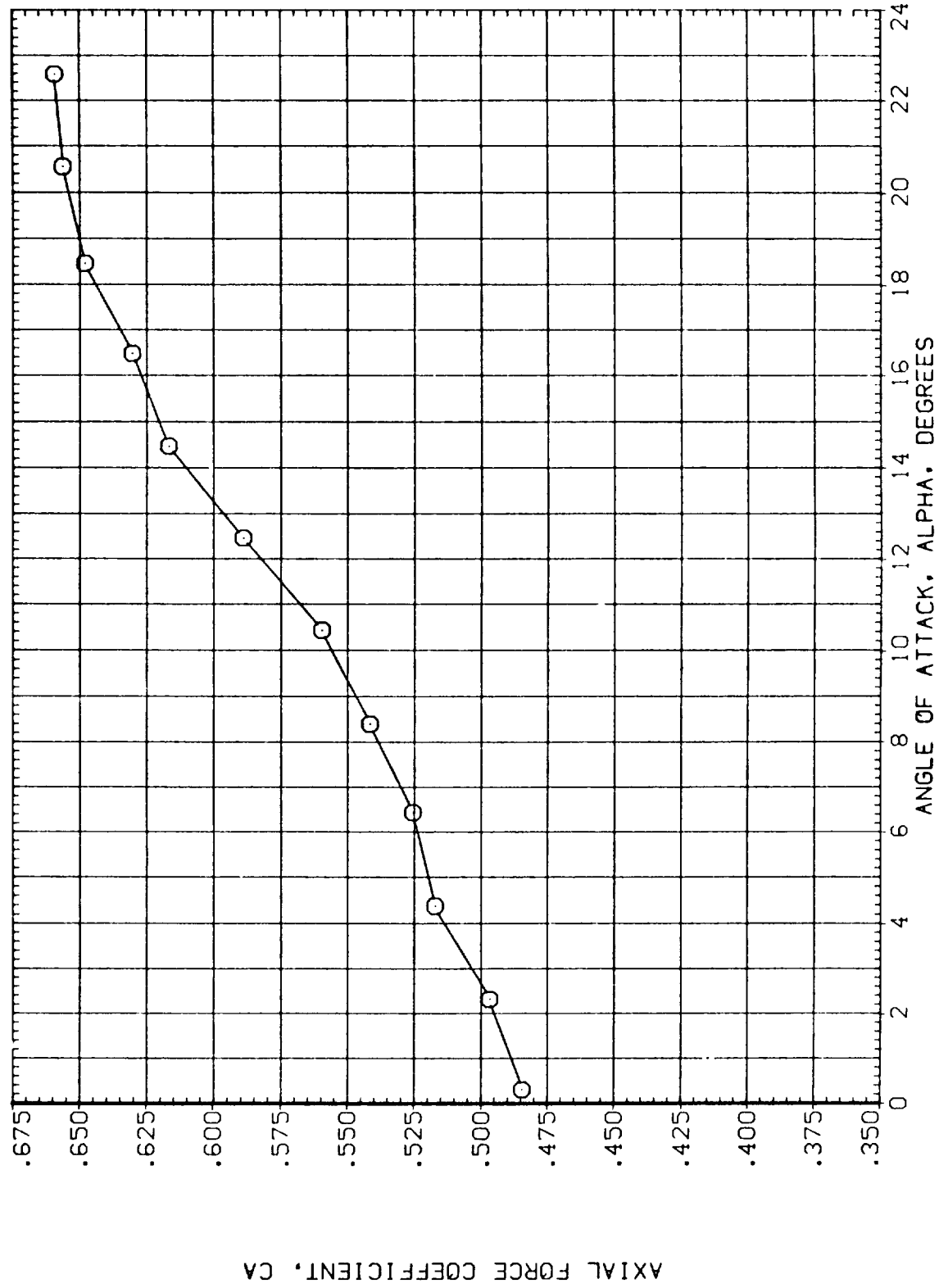


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	PARAMETRIC VALUES
CY	.797 BETA .000
CYC	D1 .000 D3 .000
CYT	D2 15.000 D4 15.000
CYB	D1-3 .000 D2-4 15.000
	PHI-C .000 PHI-T .000

SYMBOL  
○  
□  
◇  
△

SIDE FORCE COEFFICIENT, CY

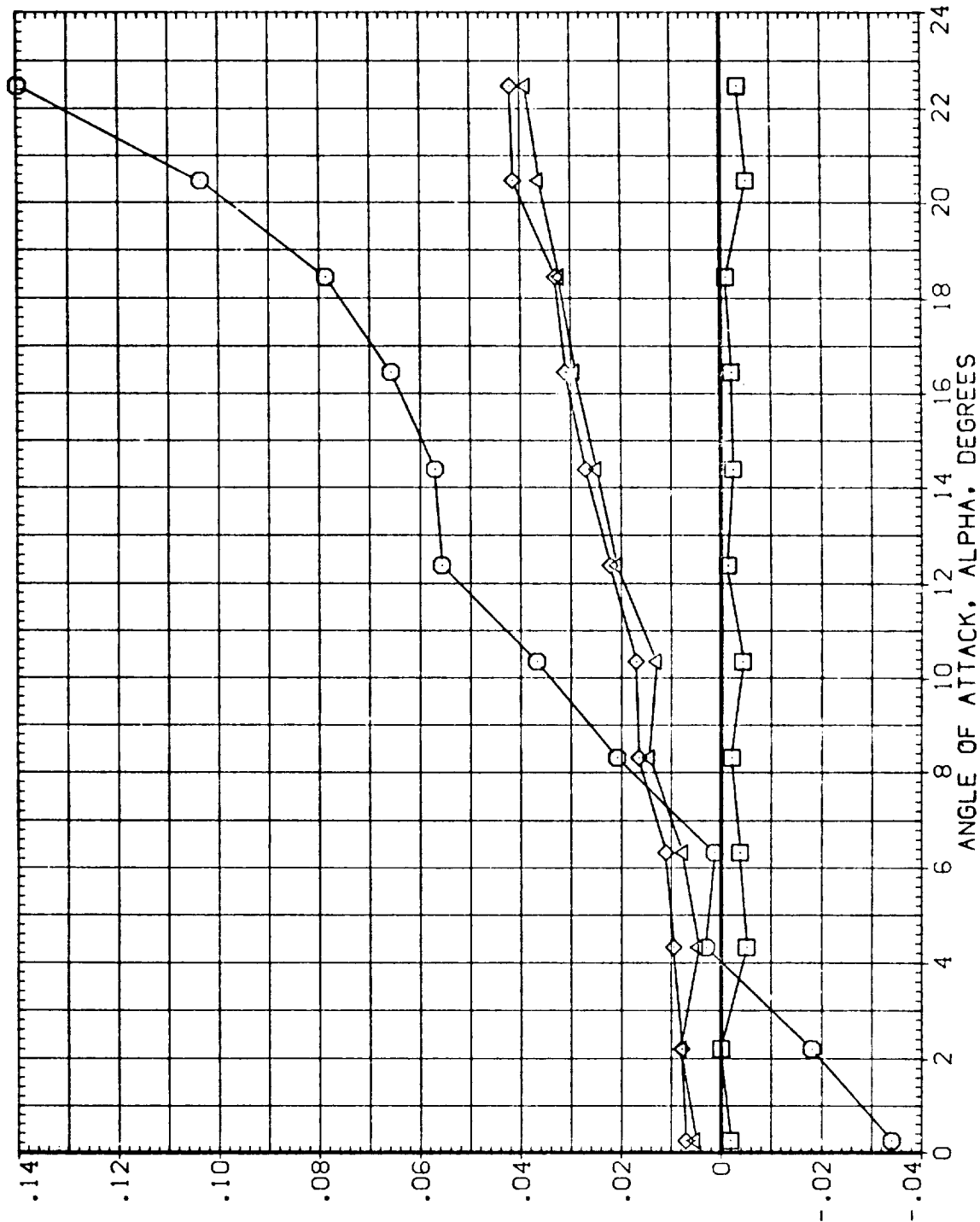


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 16 (BN3C7T1)

(MEZ256)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
○	CY		1.307	BETA		.000
□	CYC	D1	.000	D3		.000
◇	CYT	D2	15.000	D4		15.000
△	CYB	D1-3	.000	D2-4		15.000
		PHI-C	.000	PHI-T		.000

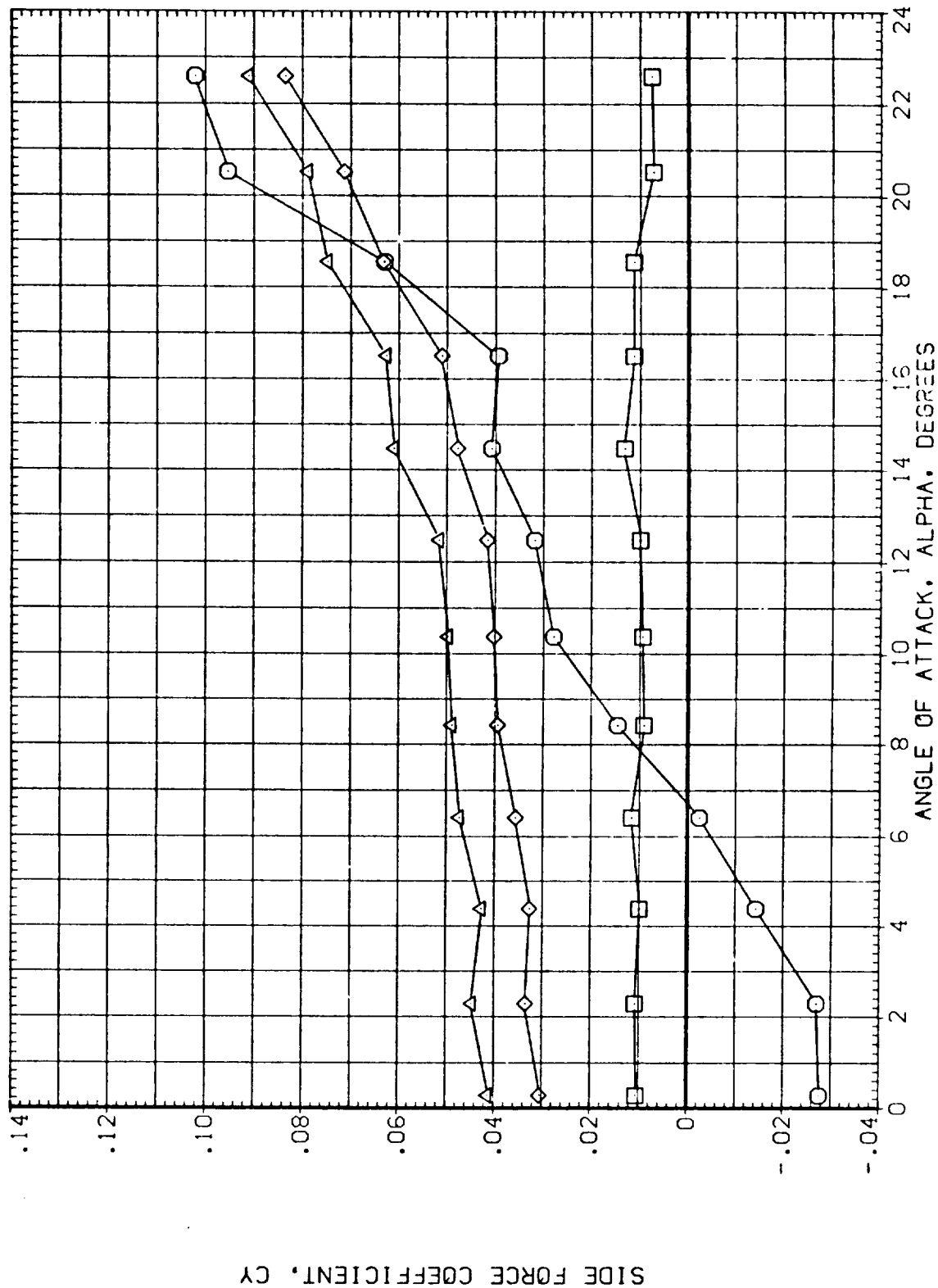


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 16 (BN3C7T1)

DATA	MACH	PARAMETRIC VALUES	
CY	D1	1.750	BETA .000
CYC	D2	.000	D3 .000
CYT	D1-3	15.000	D4 15.000
CYB	PHI-C	.000	D2-4 15.000
		.000	PHI-T .000

SYMBOL  
○  
□  
◇  
△

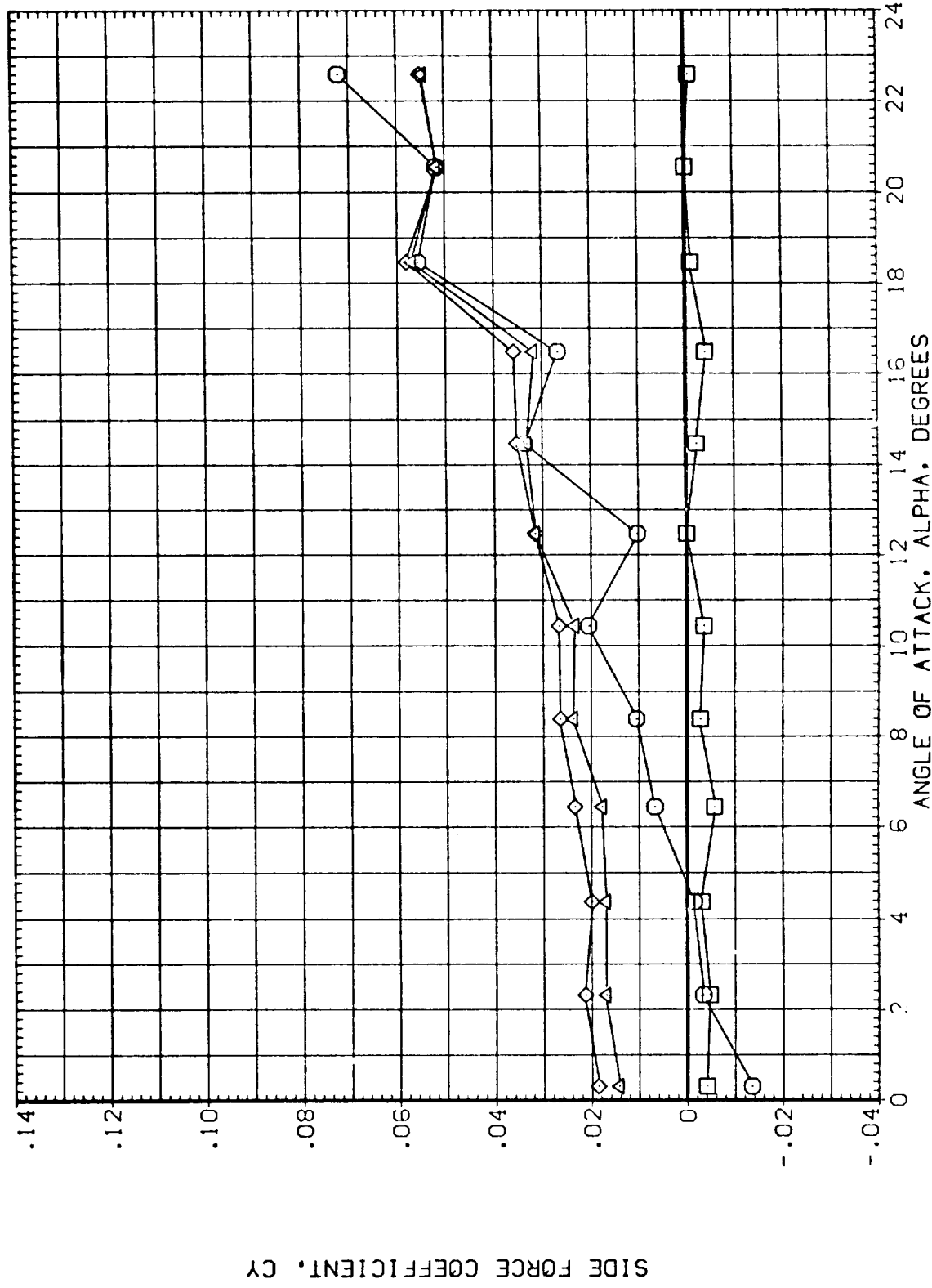


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(MEZ256)

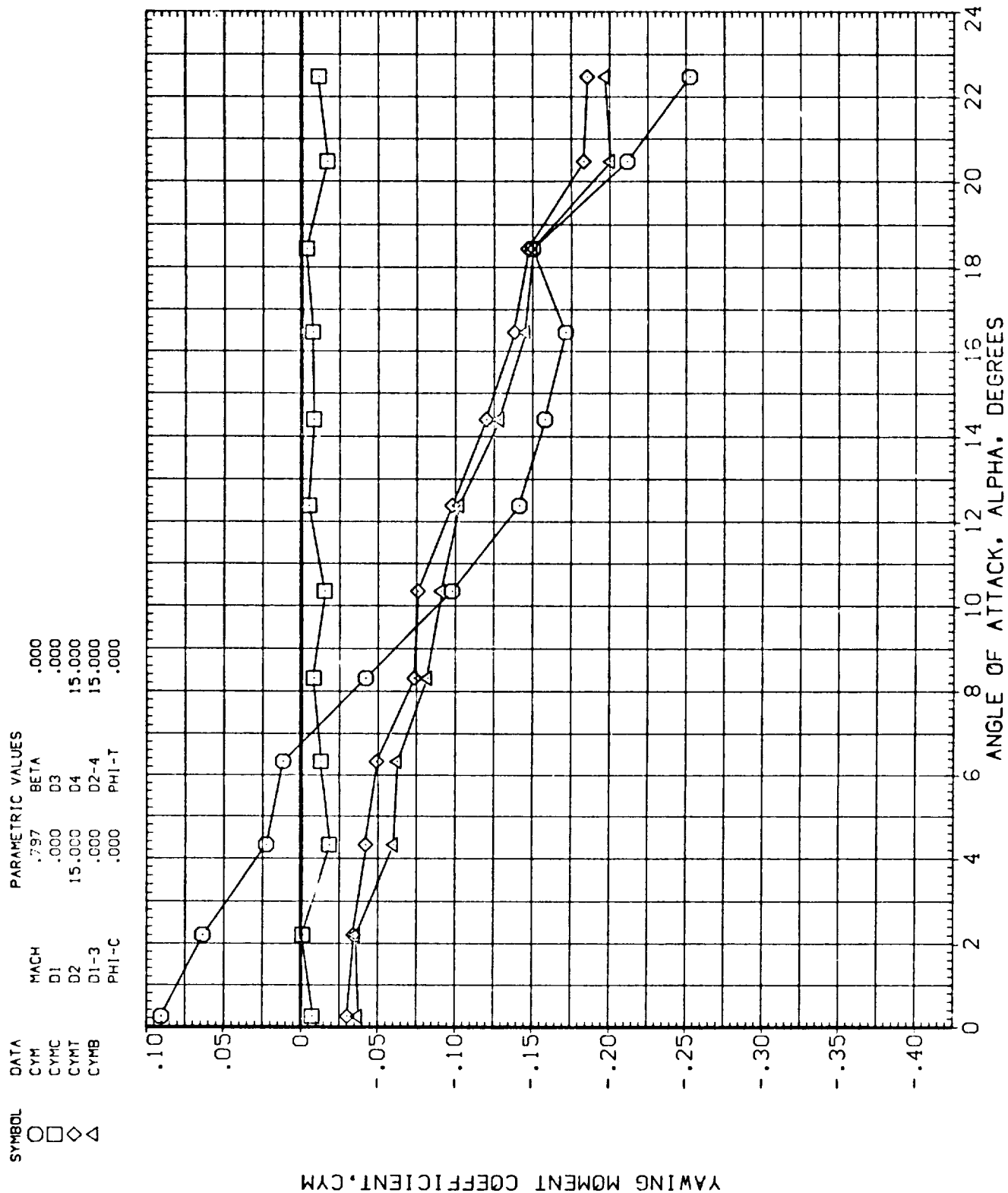


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CYM	MACH	1.307	BETA	.000	
○	CYMC	D1	.000	D3	.000	
□	CYMT	D2	15.000	D4	15.000	
◇	CYMB	D1-3	.000	D2-4	15.000	
△		PHI-C	.000	PHI-T	.000	

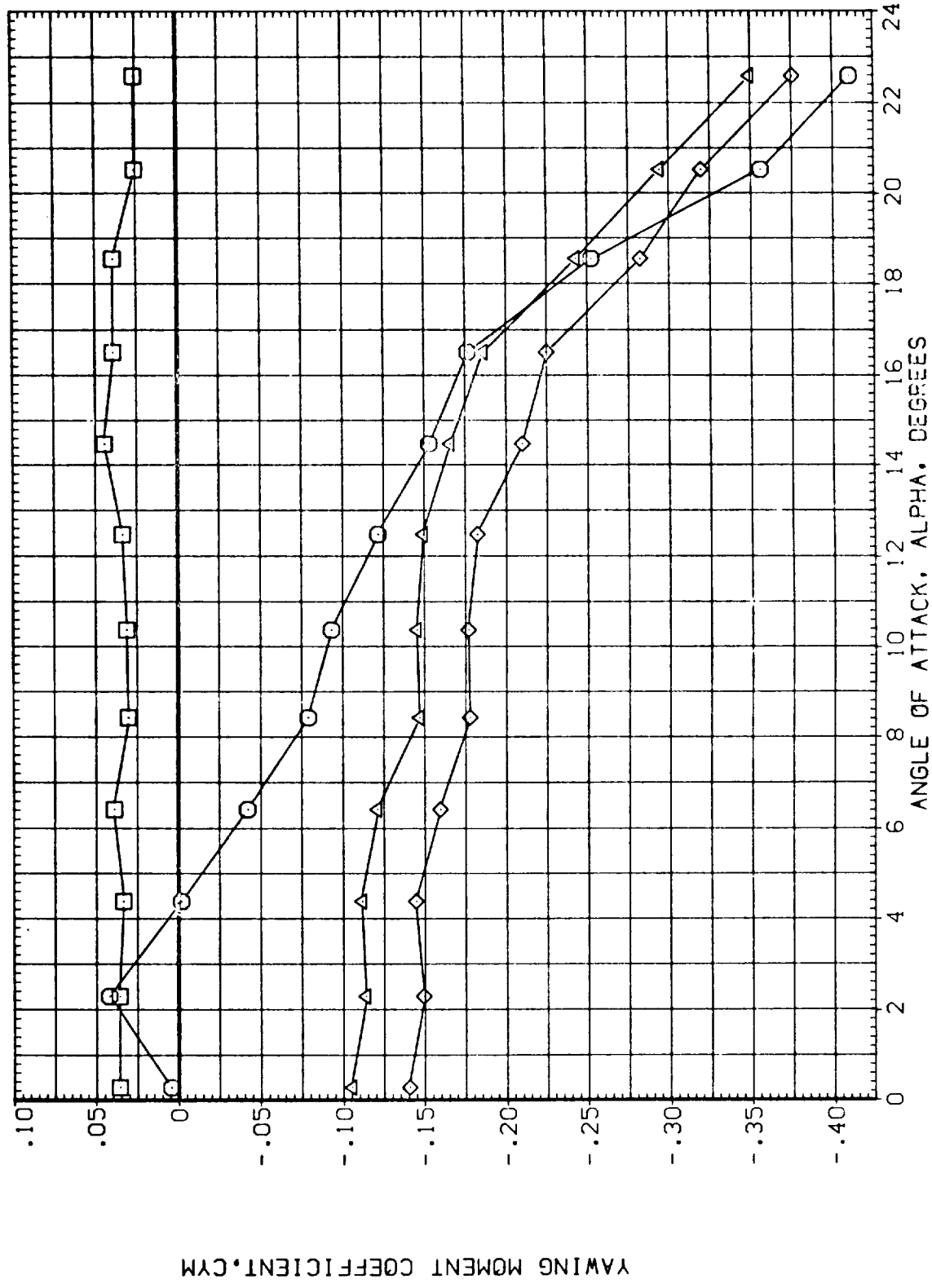


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(MEZ256)

SYMBOL  
○  
□  
◇  
△

DATA  
CYM  
CYMC  
CYMT  
CYMB

MACH  
D1  
D2  
D1-3  
PHI-C

PARAMETRIC VALUES  
1.750 BETA  
.000 D3  
15.000 D4  
.000 D2-4  
.000 PHI-T

.000  
.000  
15.000  
15.000  
.000

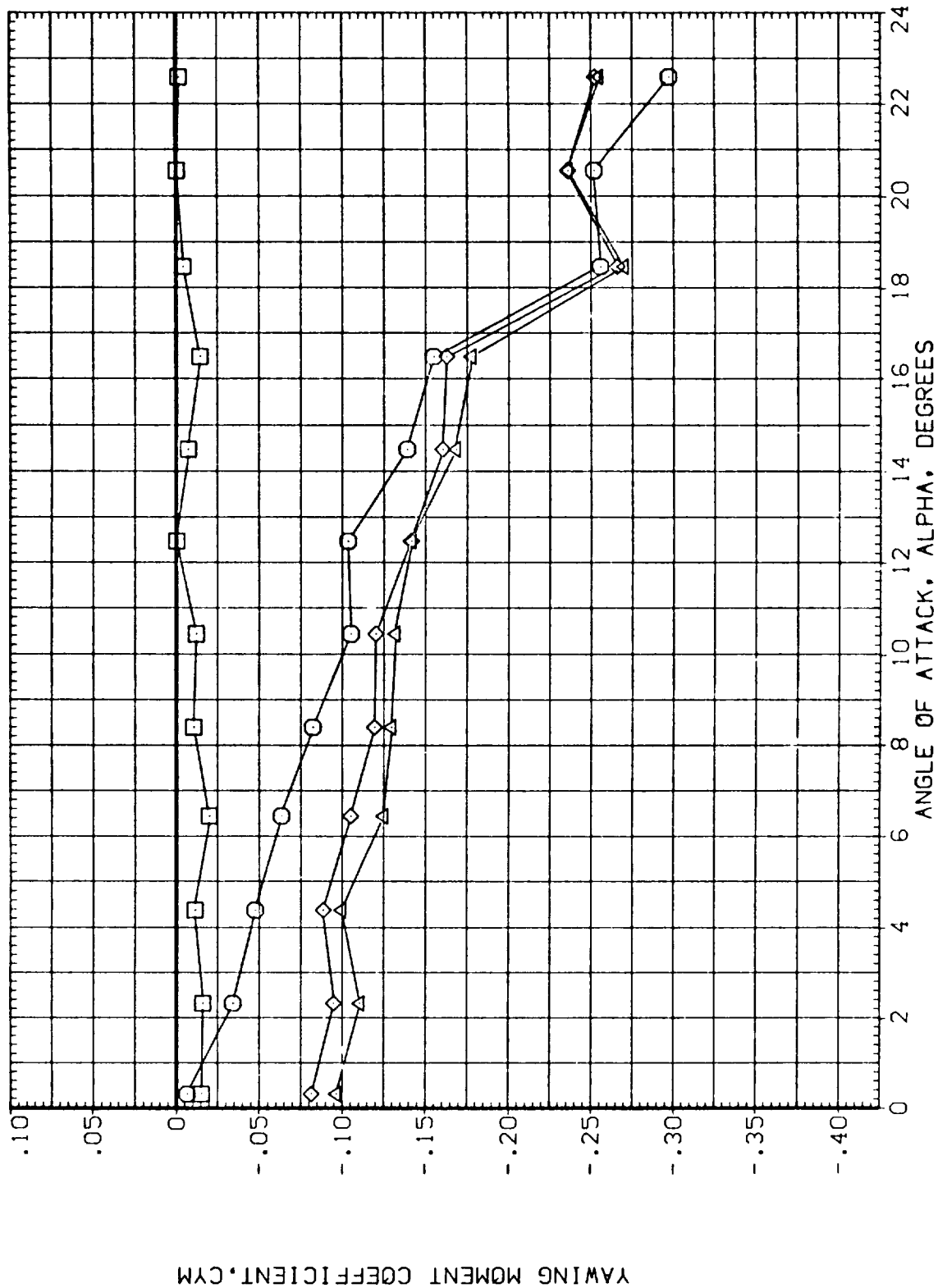


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	MACH	PARAMETRIC VALUES
CRM	.797	BETA
CRM	.000	D3
CRM	.000	D4
CRM	.000	D2-4
CRM	.000	PHI-T
CRM	.000	PHI-C
CRM	.000	PHI-T
CRM	.000	PHI-T

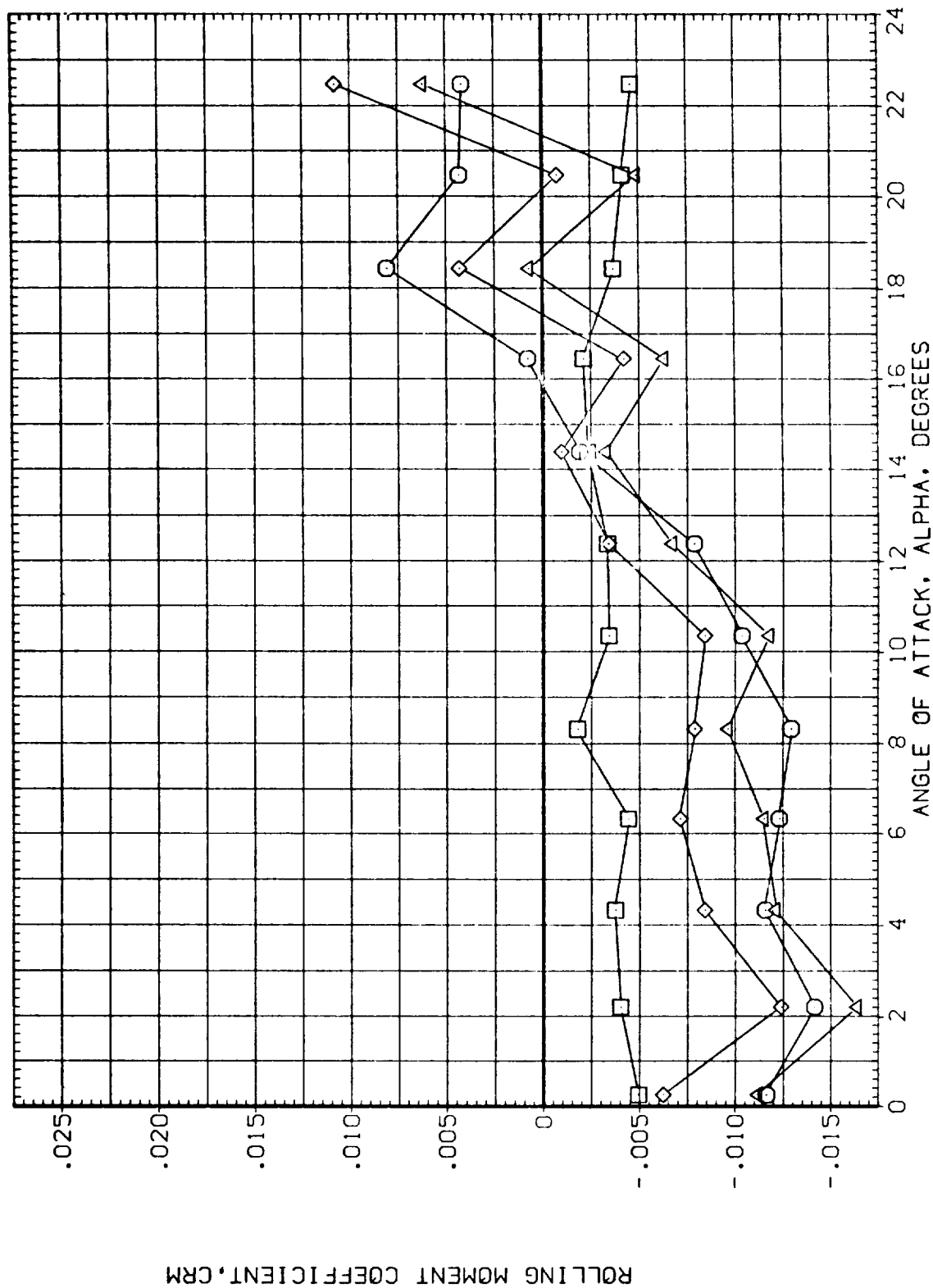


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 16 (BN3C7T1)

(NEZ256)

DATA	MACH	PARAMETRIC VALUES
CRM	1.307	BETA .000
CRMC	D1	D3 .000
CRMT	D2	D4 15.000
CRMB	D1-3	D2-4 15.000
	PHI-C	PHI-T .000

SYMBOL  
 ○ □ ◇ △

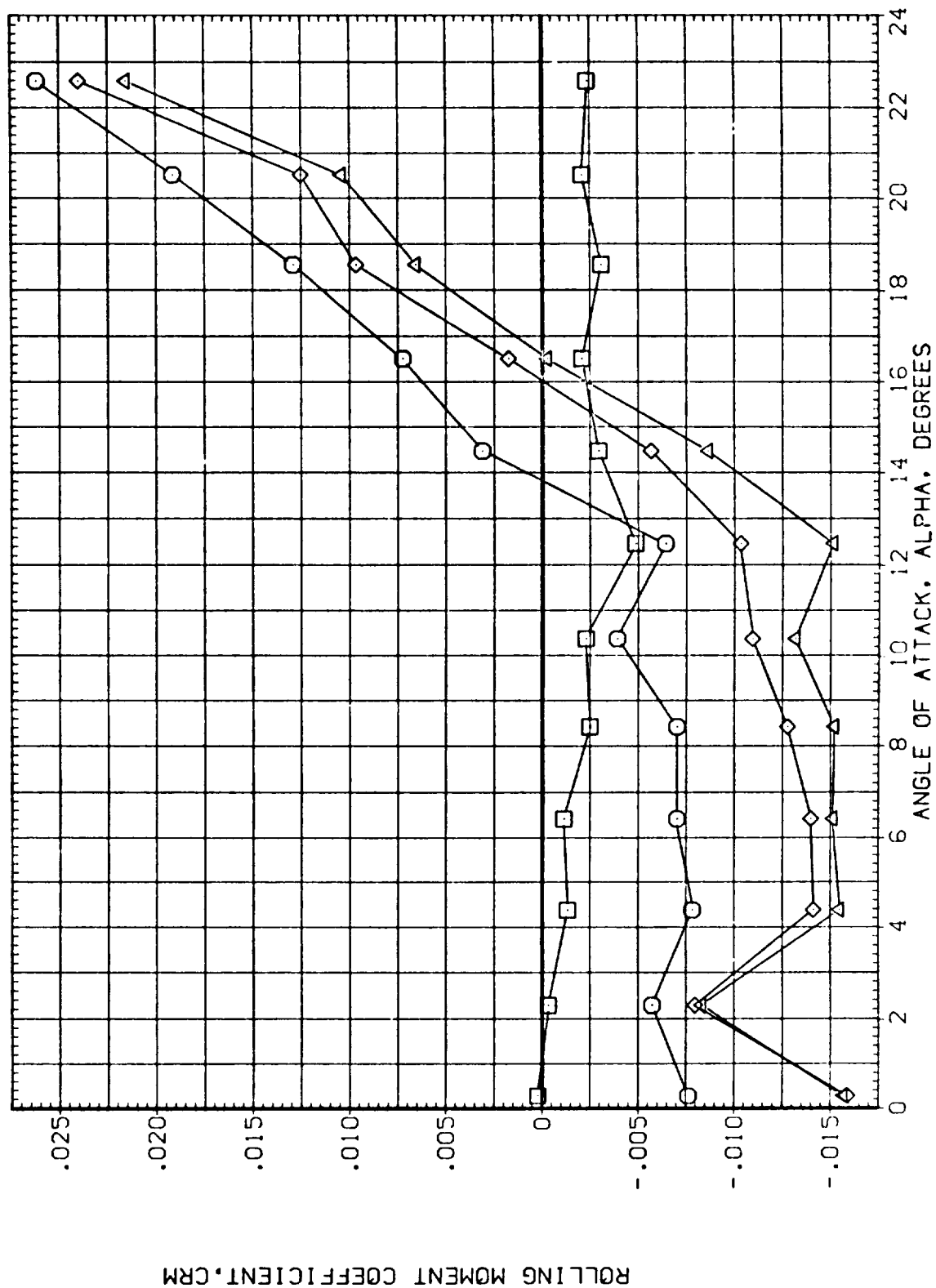


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.750	BETA	.000	.000
○	CRM	D1	.000	D3	.000	.000
□	CRM	D2	15.000	D4	15.000	15.000
◇	CRM	D1-3	.000	D2-4	15.000	15.000
△	CRM	PHI-C	.000	PHI-T	.000	.000

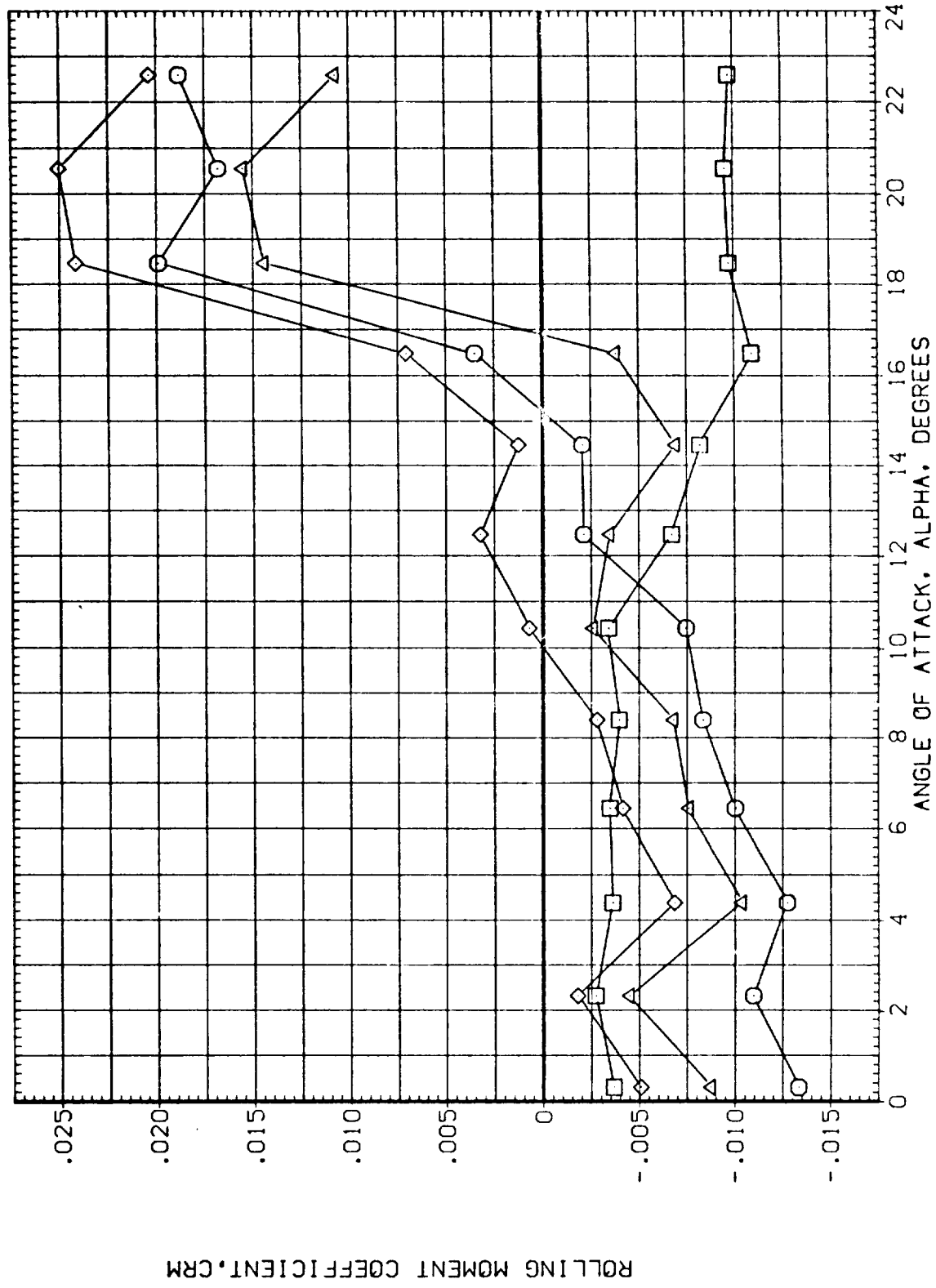


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 10 (BN3C6T2)

(LEZ126)

DATA	MACH	PARAMETRIC VALUES
CN	.802	BETA .000
CNC	D1	D3 .000
CNT	D2	D4 .000
CNB	D1-3	D2-4 .000
	PHI-C	PHI-T .000

SYMBOL  
 ○ □ ◇ △

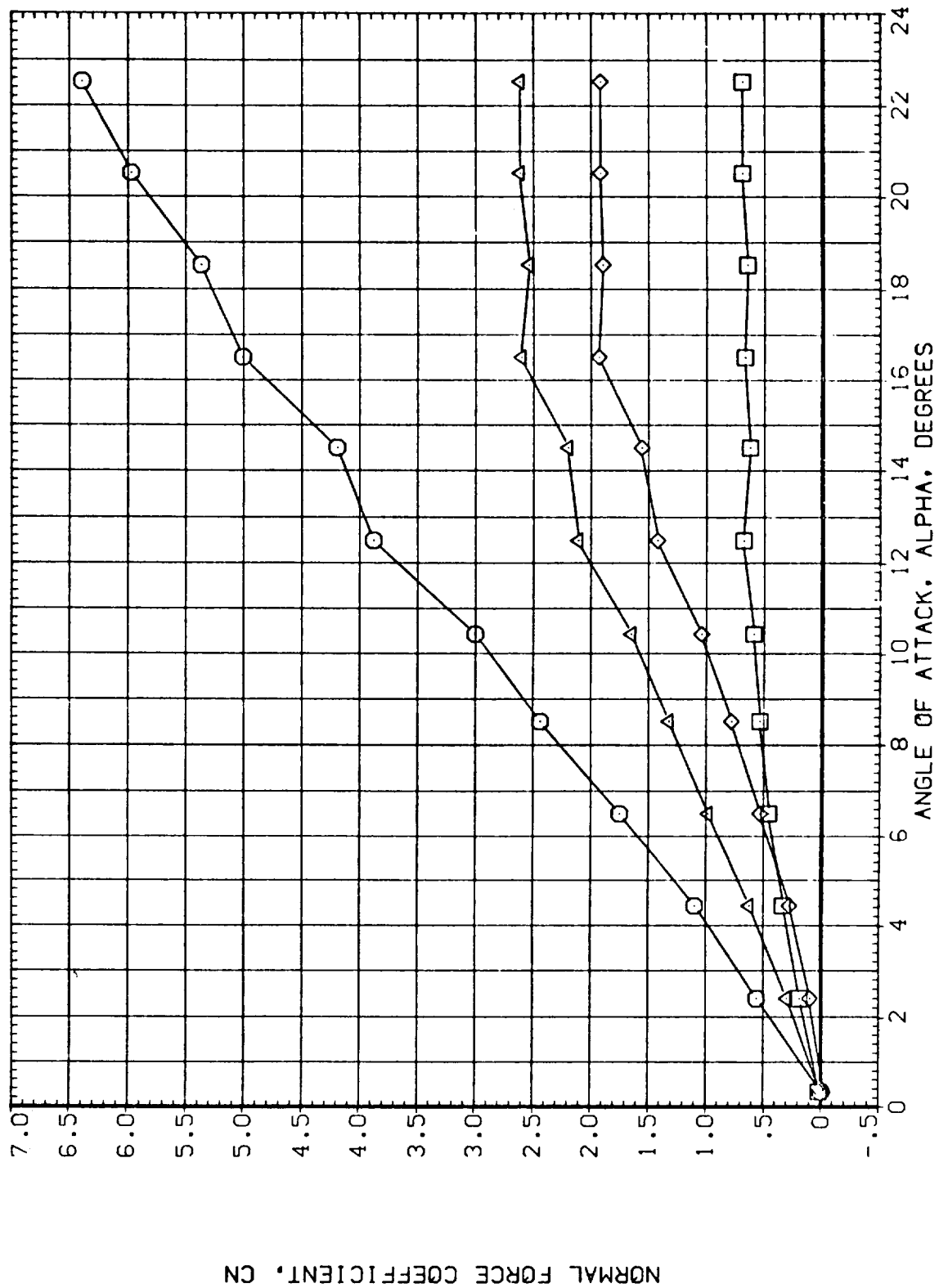


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	MACH	PARAMETRIC VALUES	
CN	1.306	BETA	.000
CNC	D1	D3	.000
CNT	D2	D4	.000
CNB	D1-3	D2-4	.000
	PHI-C	PHI-T	.000

SYMBOL  
○ □ ◇ △

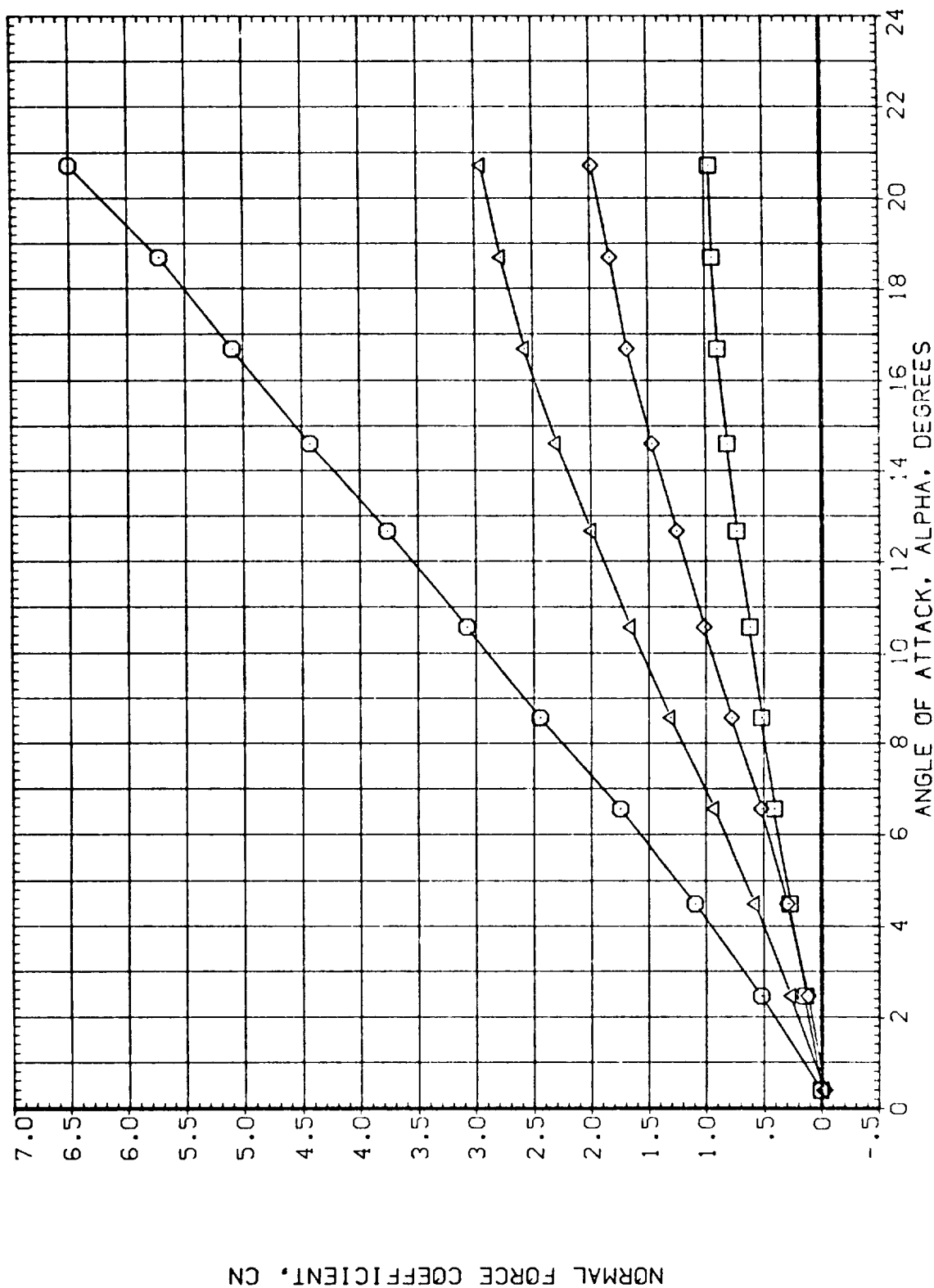


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (BN3C6T2)

(LEZ126)

DATA	MACH	PARAMETRIC VALUES
CN	1.752	BETA .000
CNC	D1	D3 .000
CNT	D2	D4 .000
CNB	D1-3	D2-4 .000
	PHI-C	PHI-T .000

SYMBOL  
 ○  
 □  
 ◇  
 △

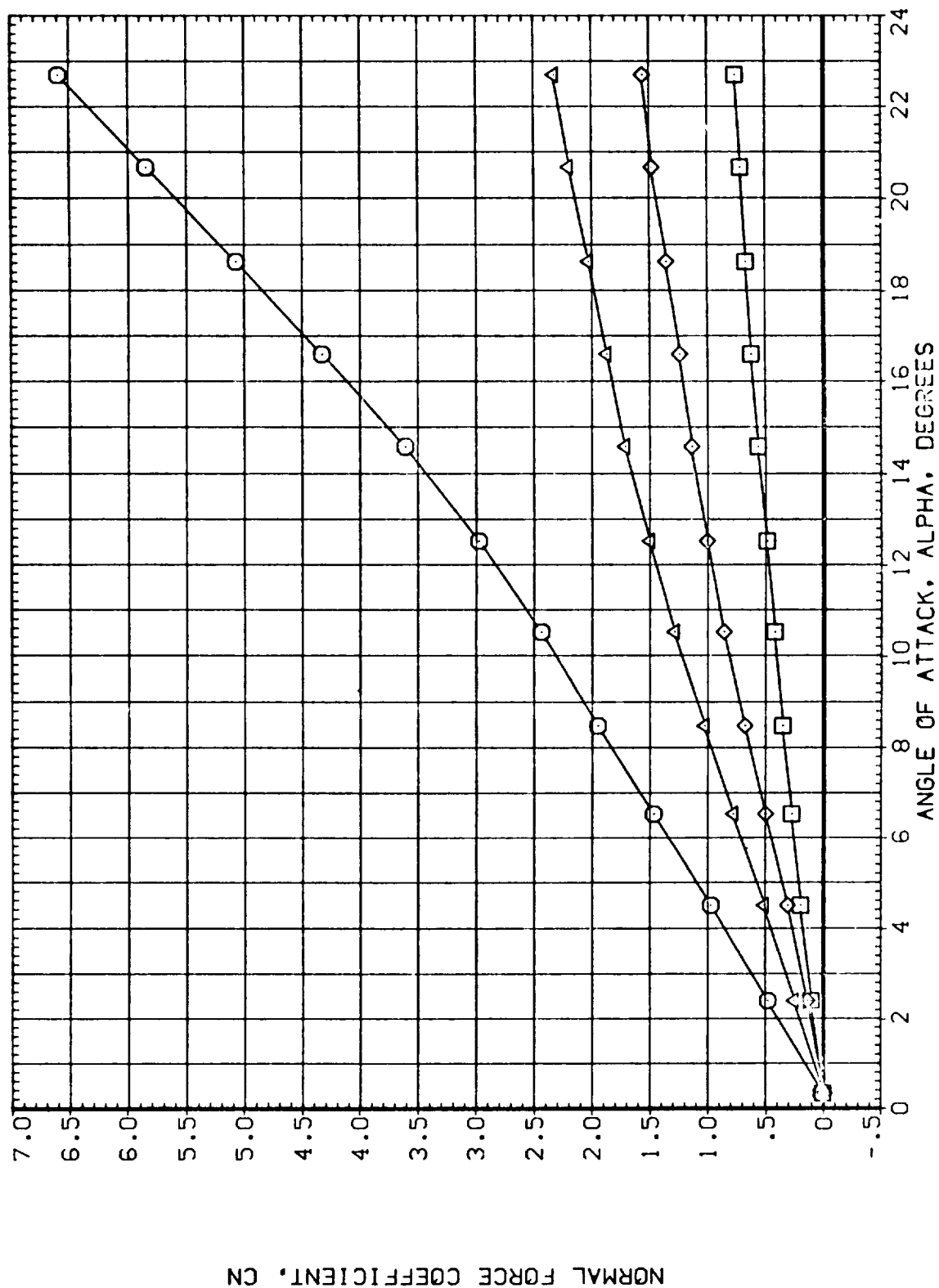


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	PARAMETRIC VALUES
CM	.802
CMC	.000
CMT	.000
CMB	.000
MACH	BETA
D1	D3
D2	D4
D1-3	D2-4
PHI-C	PHI-T
	.000
	.000
	.000
	.000
	.000
	.000

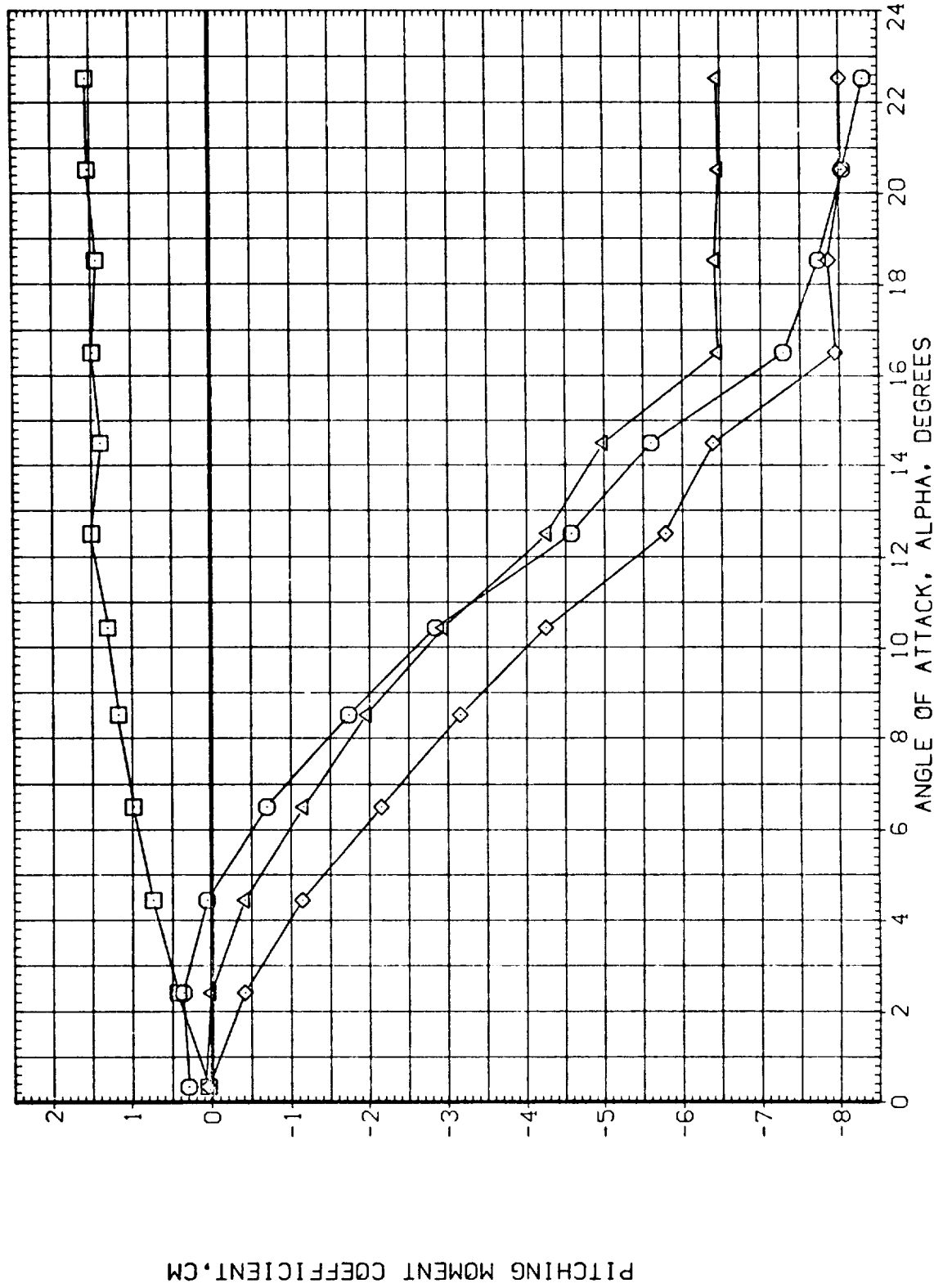


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ126)

CONFIGURATION 1C (BN3C6T2)

DATA		PARAMETRIC VALUES			
SYMBOL		MACH	BETA		
○	CM	D1	D3	D1-3	PHI-C
□	CMC	D2	D4	D2-4	PHI-T
◇	CMT				
△	CMB				

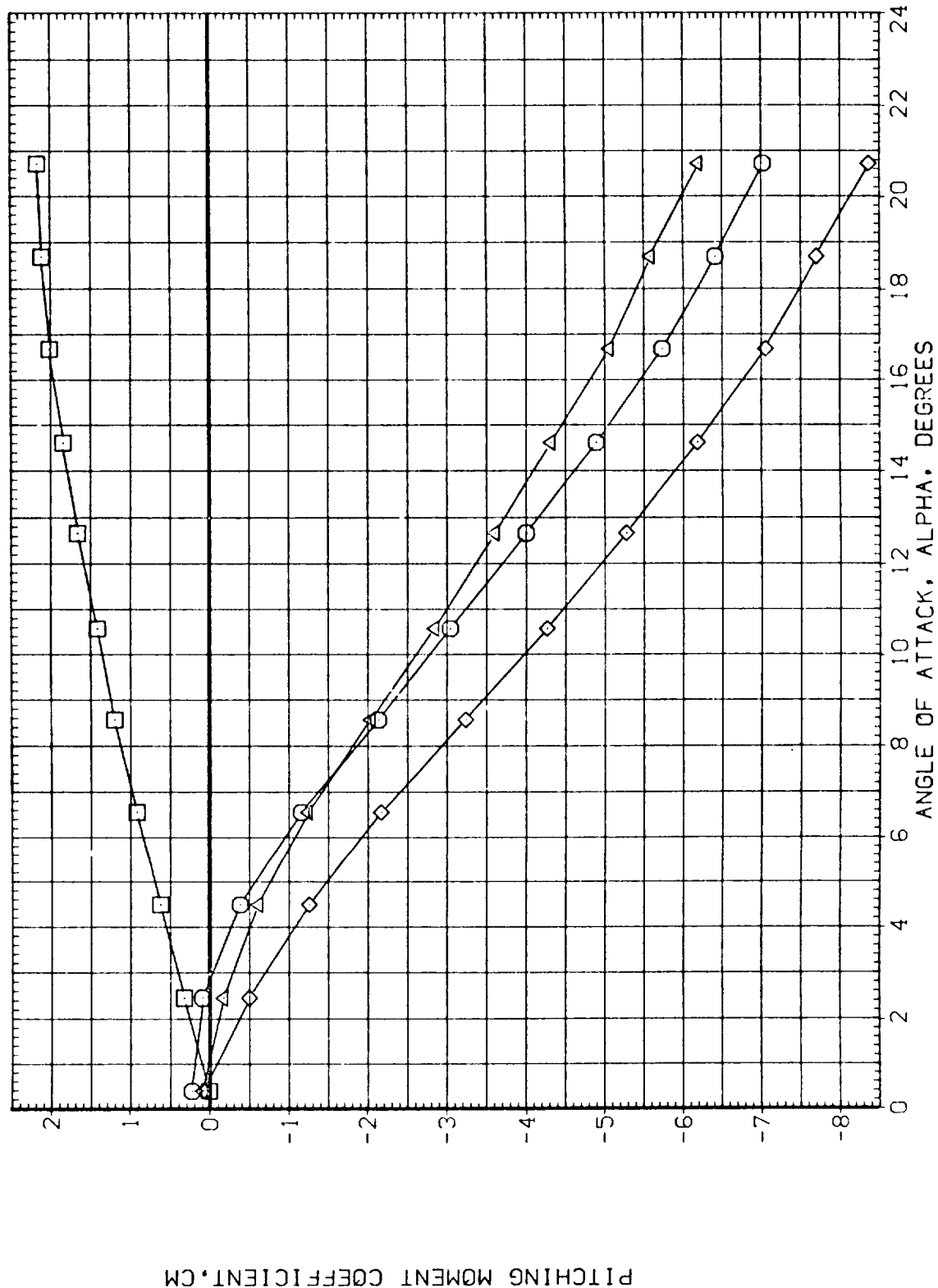


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CM	MACH	1.752	BETA	.000	
○	CMC	D1	.000	D3	.000	
□	CHT	D2	.000	D4	.000	
◇	CMB	D1-3	.000	D2-4	.000	
△		PHI-C	.000	PHI-T	.000	

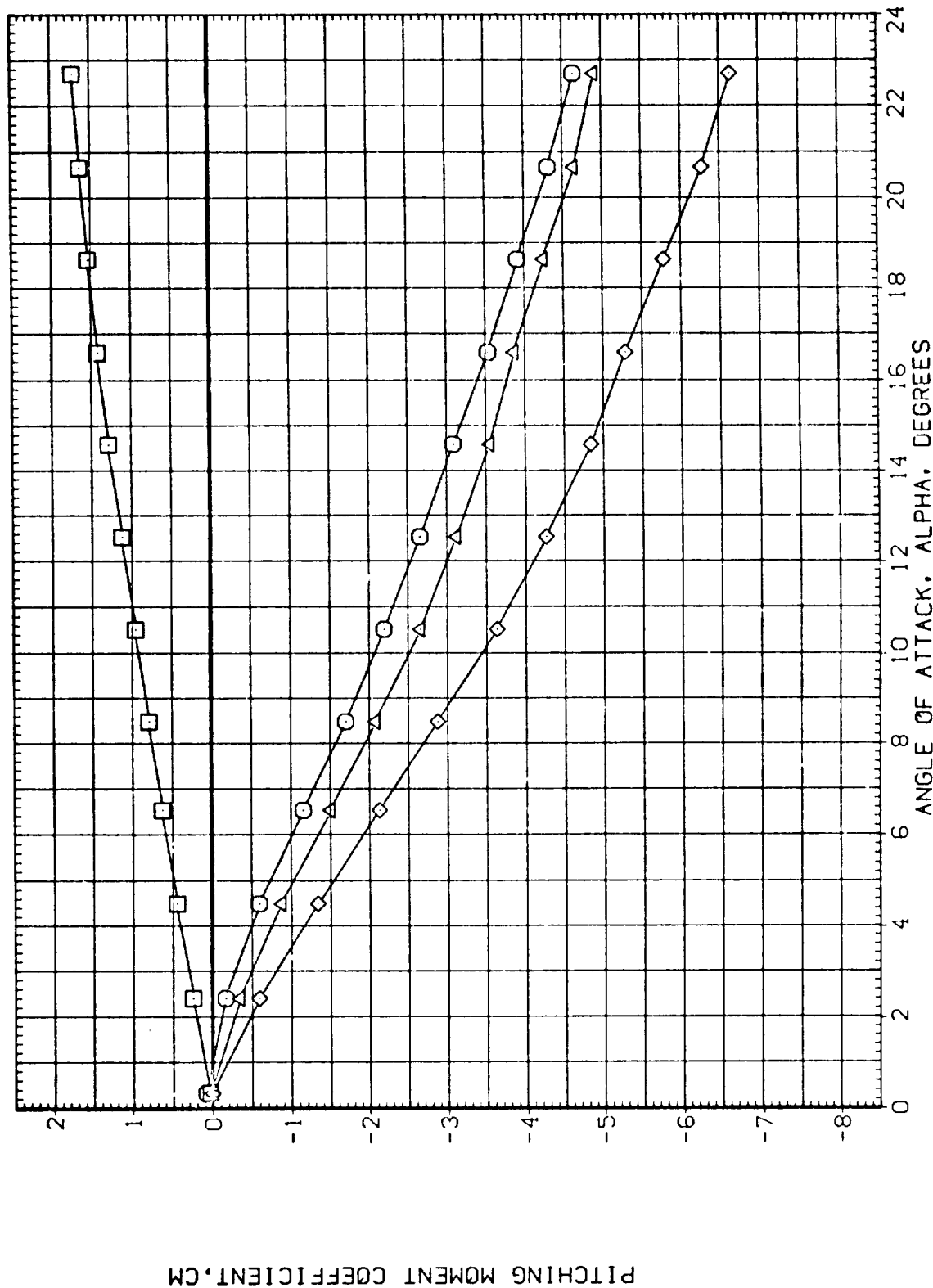


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ126)

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	.S02	BETA	.000		
	CA	D1	.000	D3	.000		
		D2	.000	D4	.000		
		D1-3	.000	D2-4	.000		
		PHI-C	.000	PHI-T	.000		

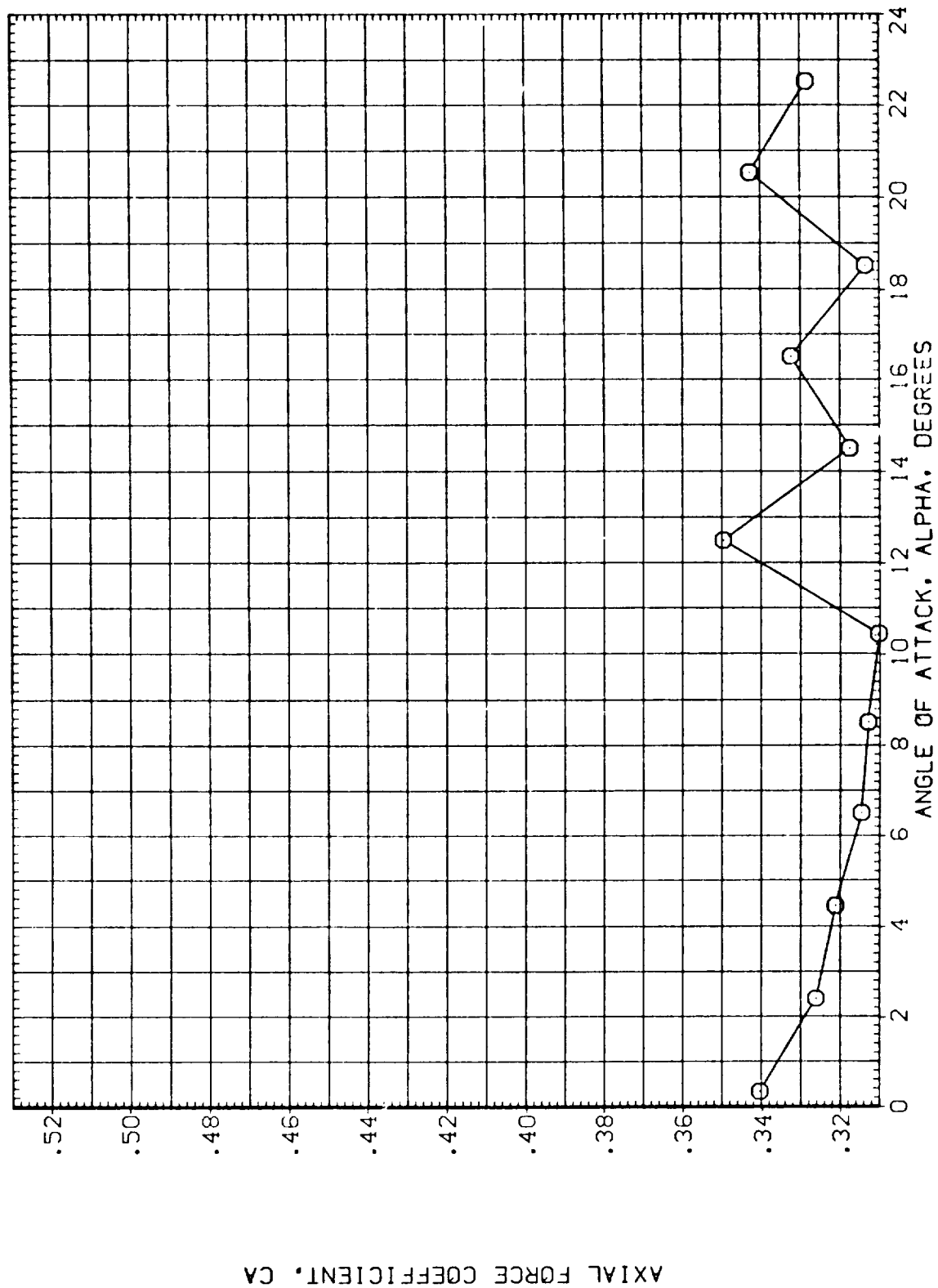


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.306	BETA	.000		
	CA	D1	.000	D3	.000		
		D2	.000	D4	.000		
		D1-3	.000	D2-4	.000		
		PHI-C	.000	PHI-T	.000		

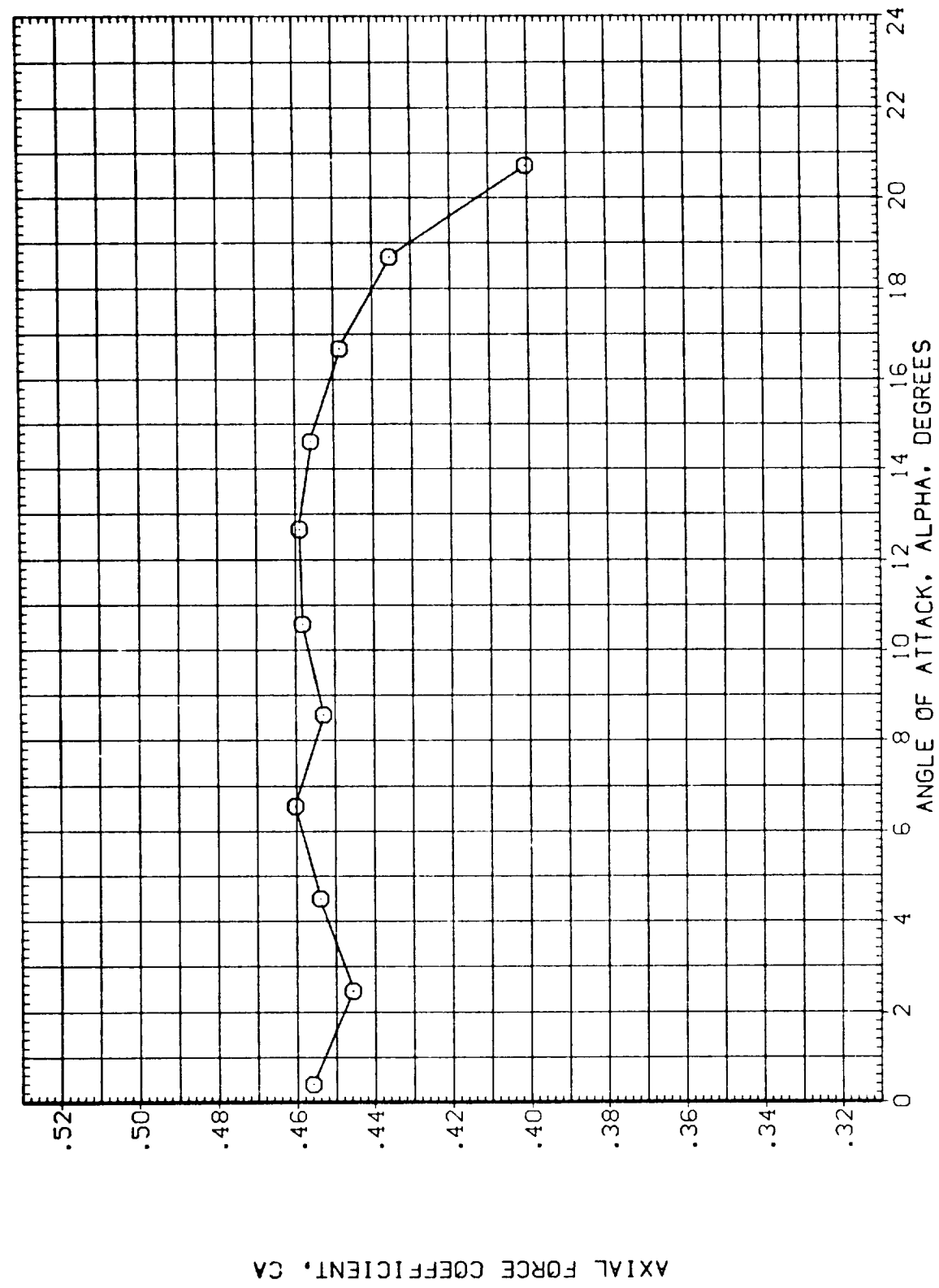


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 10 (BN306T2)

(0EZ126)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
○	CA	1.752	BETA	.000
		D1	D3	.000
		D2	D4	.000
		D1-3	D2-4	.000
		PHI-C	PHI-T	.000

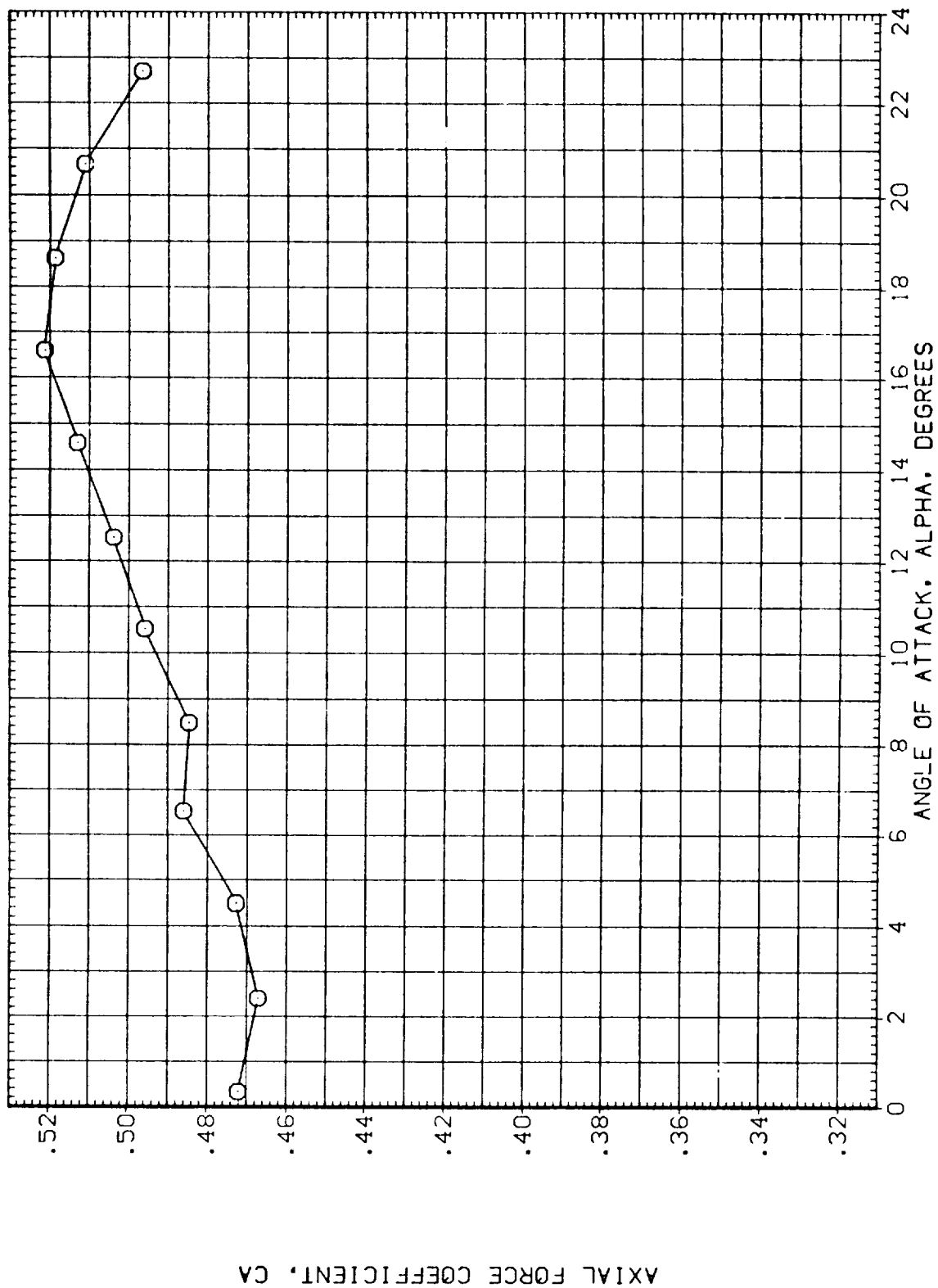


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CY	MACH	.802	BETA	D3	D4	PHI-T
○	CYC	D1	.000	.000	.000	.000	.000
□	CYT	D2	.000	.000	.000	.000	.000
◇	CYB	D1-3	.000	.000	.000	.000	.000
△		PHI-C	.000	.000	.000	.000	.000

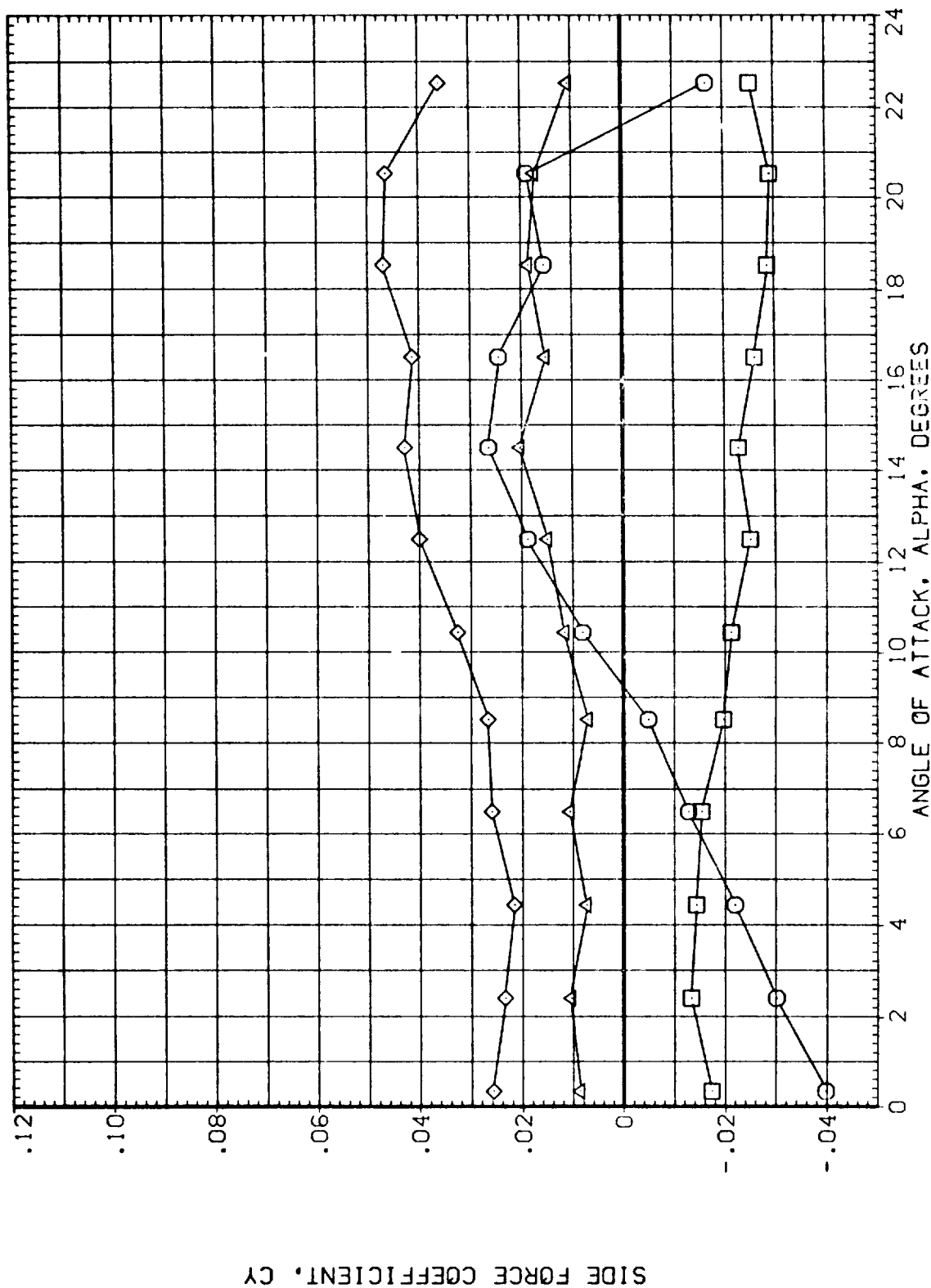


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

(MEZ126)

SYMBOL  
○  
□  
◇  
△

DATA  
CY  
CYC  
CYT  
CYB

MACH  
D1  
D2  
D1-3  
PHI-C

PARAMETRIC VALUES  
1.306 BETA  
.000 D3  
.000 D4  
.000 D2-4  
.000 PHI-T

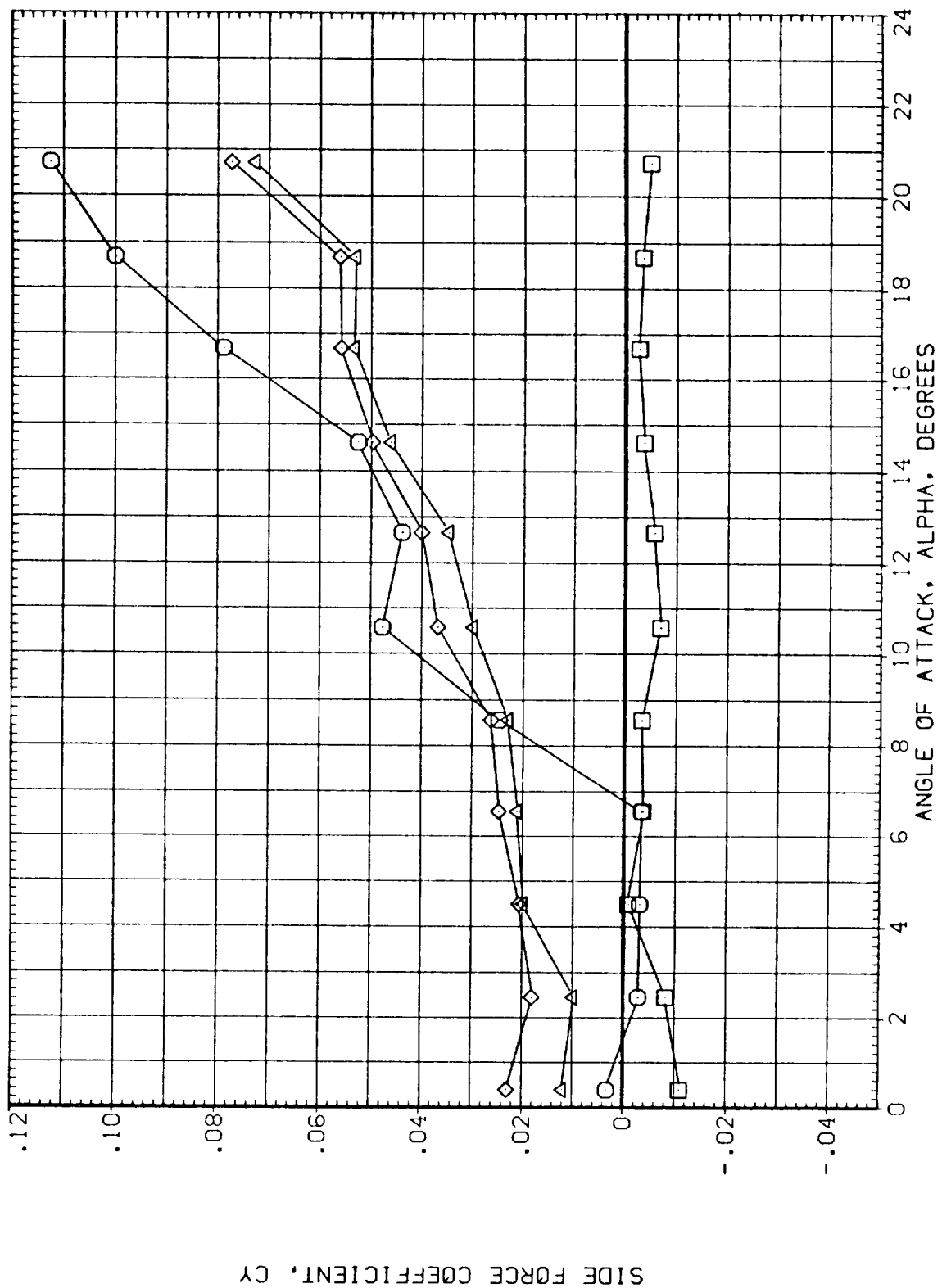


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

DATA	MACH	PARAMETRIC VALUES	
CY	1.752	BETA	.000
CYC	D1	D3	.000
CYT	D2	D4	.000
CYB	D1-3	D2-4	.000
	PHI-C	PHI-T	.000

SYMBOL  
○ □ ◇ △

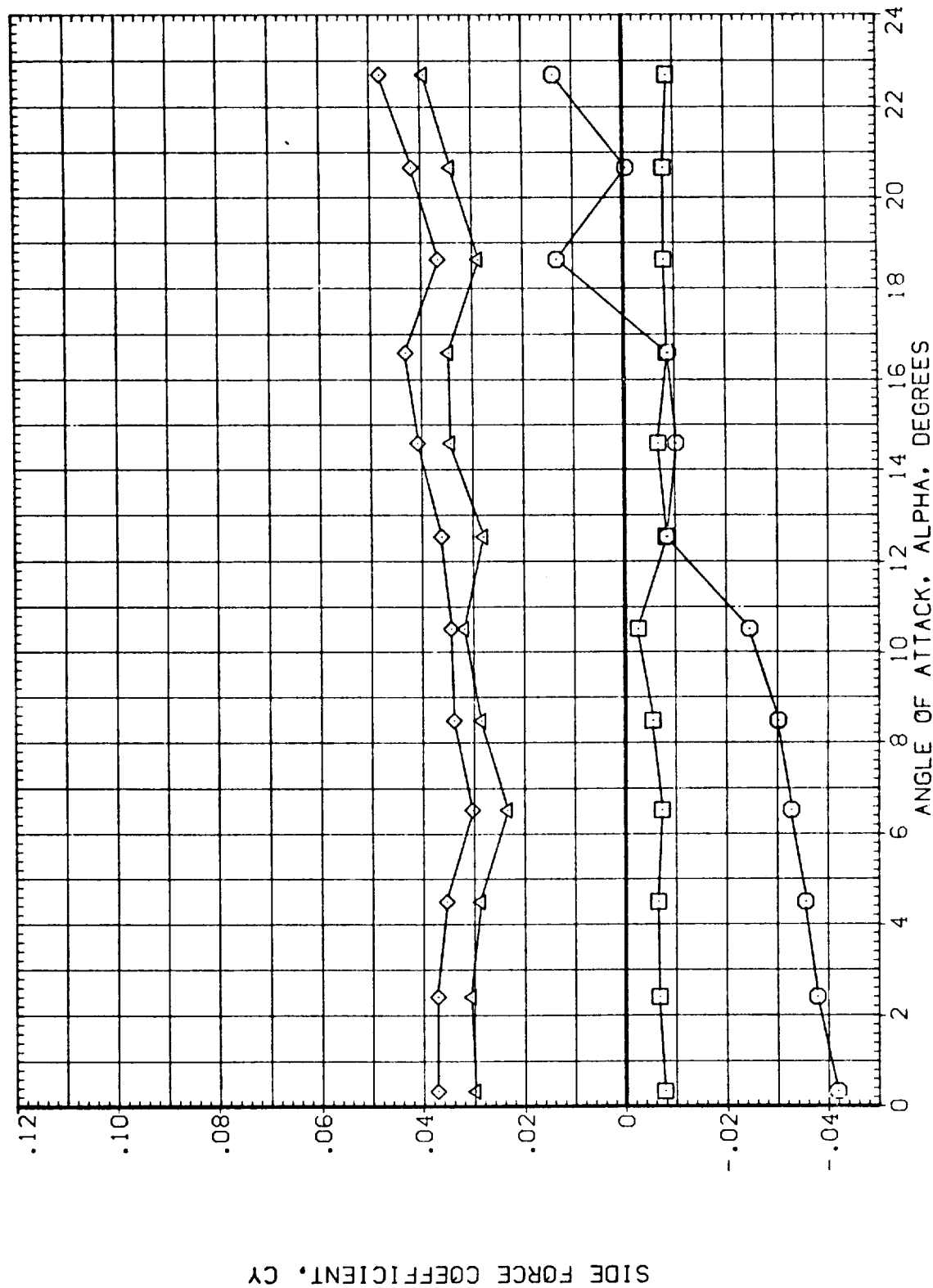


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

(MEZ126)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
○	CYM	.802	BETA	.000
□	CYMC	.01	D3	.000
◇	CYMT	.02	D4	.000
△	CYMB	.01-3	D2-4	.000
		PHI-C	PHI-T	.000

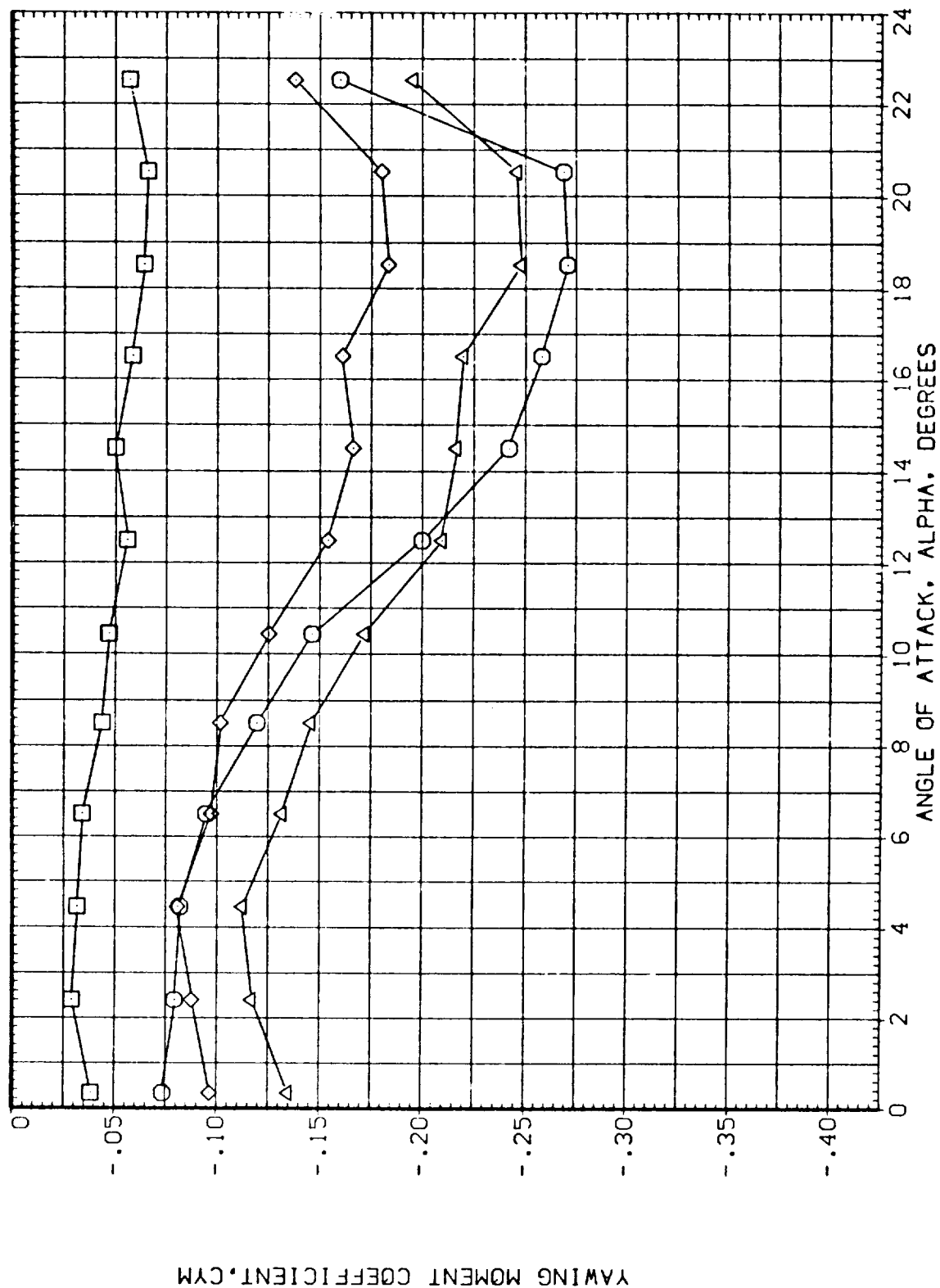


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CYM	MACH	1.306	BETA	D3	D4	PHI-T
○	CYMC	D1	.000	.000	.000	.000	.000
□	CYHT	D2	.000	.000	.000	.000	.000
◇	CYMB	D1-3	.000	.000	.000	.000	.000
△		PHI-C	.000	.000	.000	.000	.000

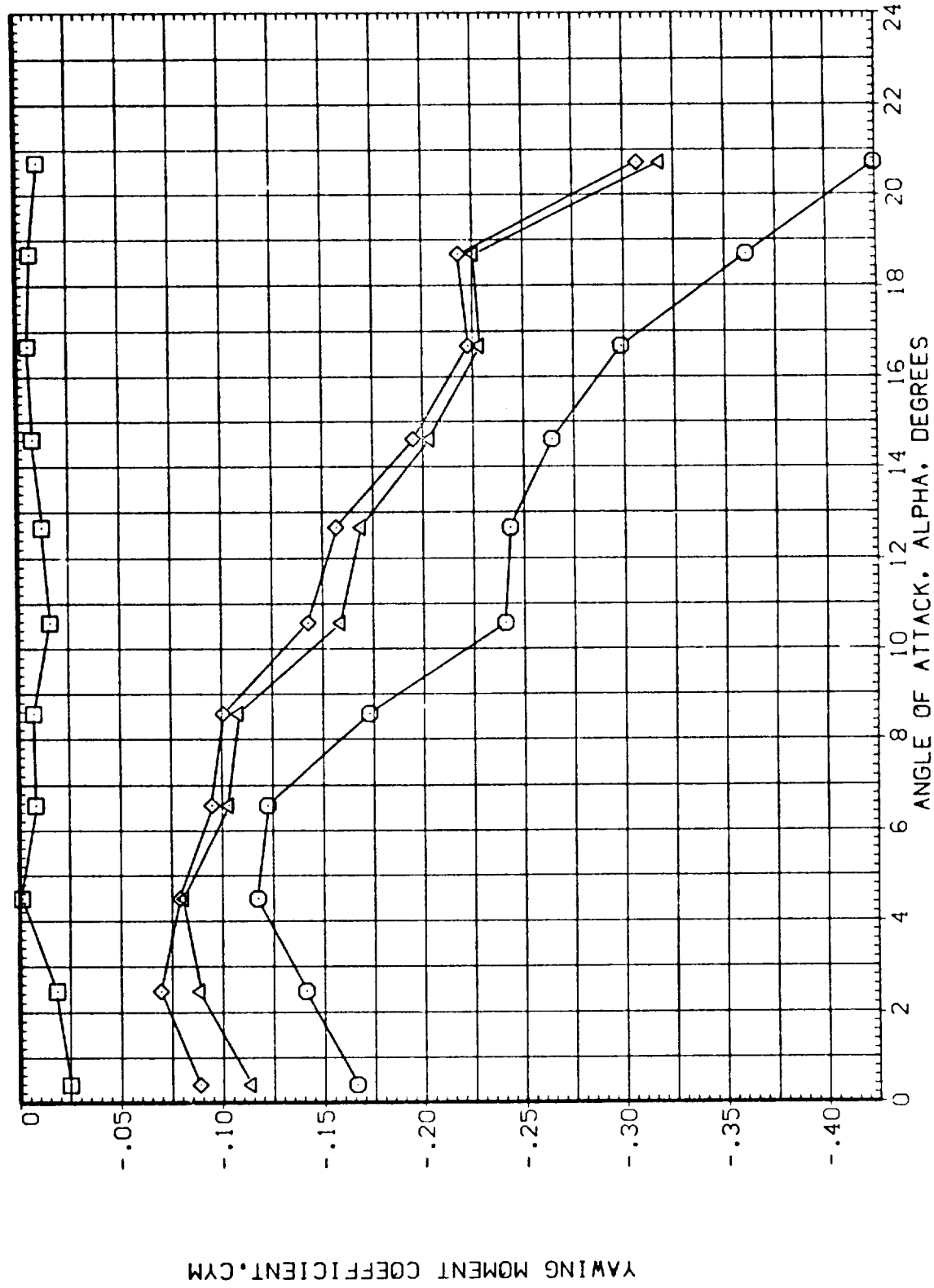


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(MEZ126)

CONFIGURATION 10 (3N3C6T2)

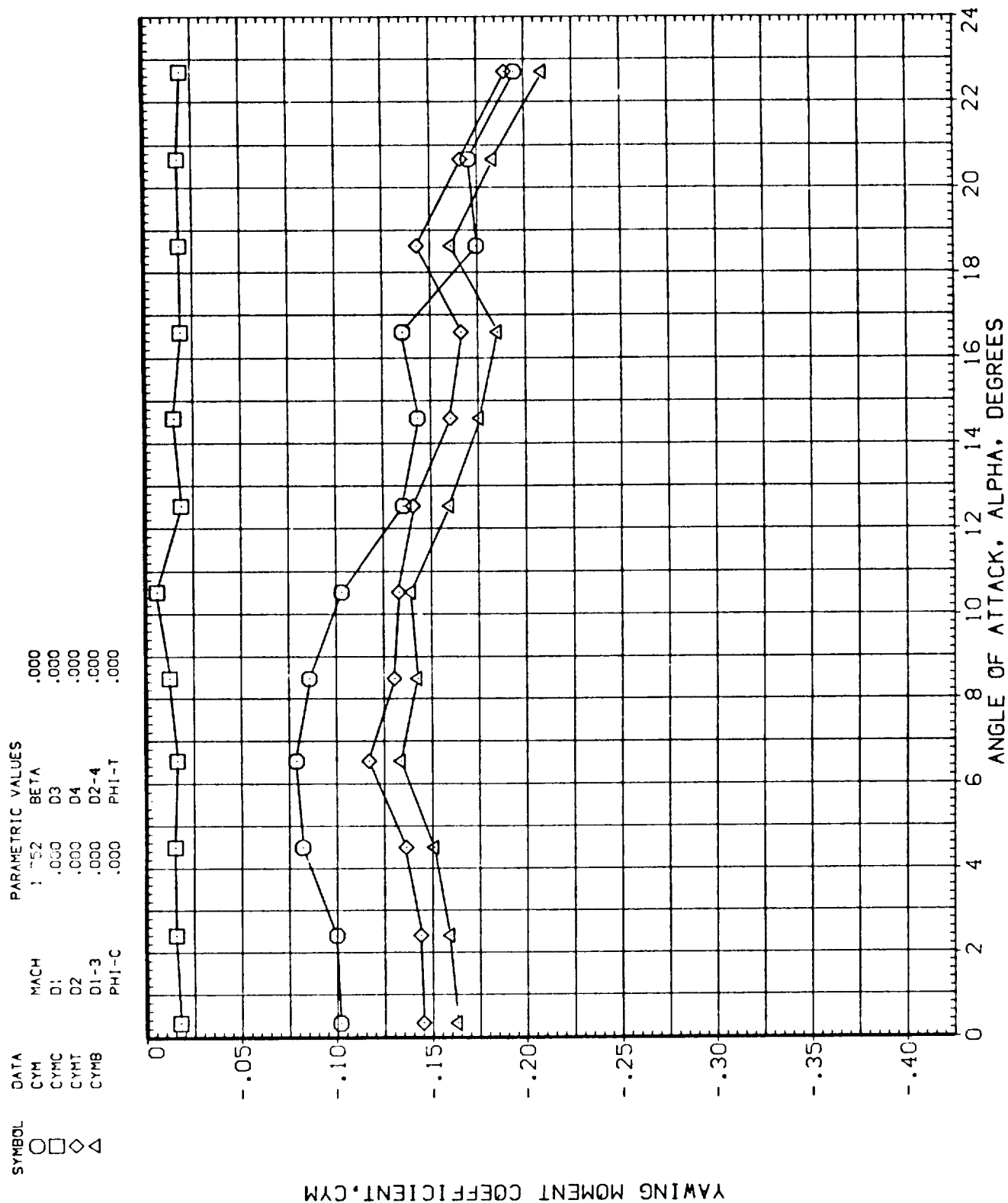


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
	CRM		.802	BETA	.000	
○	CRM	D1	.000	D3	.000	
□	CRM	D2	.000	D4	.000	
◇	CRM	D1-3	.000	D2-4	.000	
△	CRM	PHI-C	.000	PHI-T	.000	

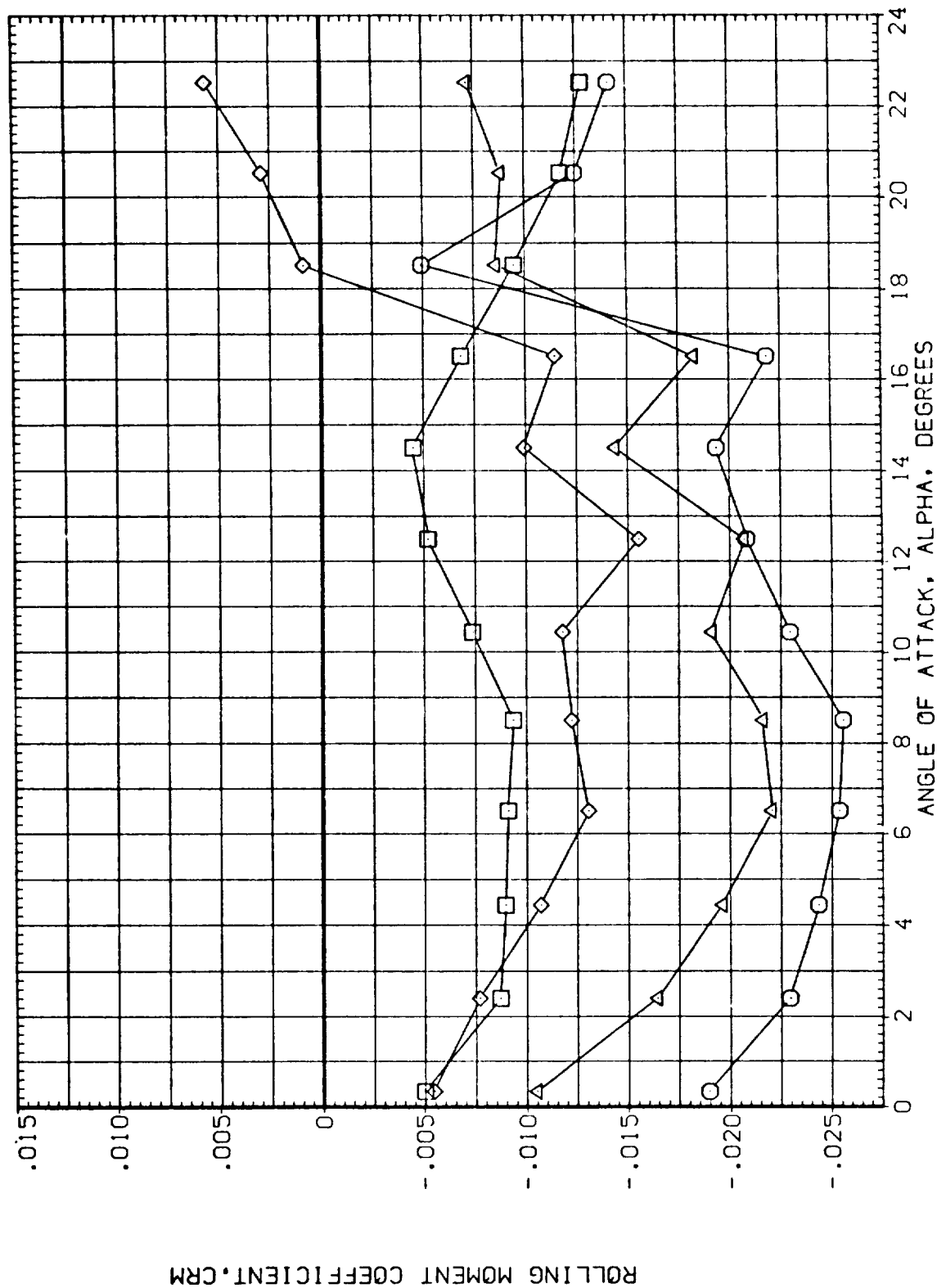


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



(NEZ126)

CONFIGURATION 1C (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES				
	CRY	MACH	1.306	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRM	D2	.000	D4	.000		
◇	CRM	D1-3	.000	D2-4	.000		
△	CRM	PHI-C	.000	PHI-T	.000		

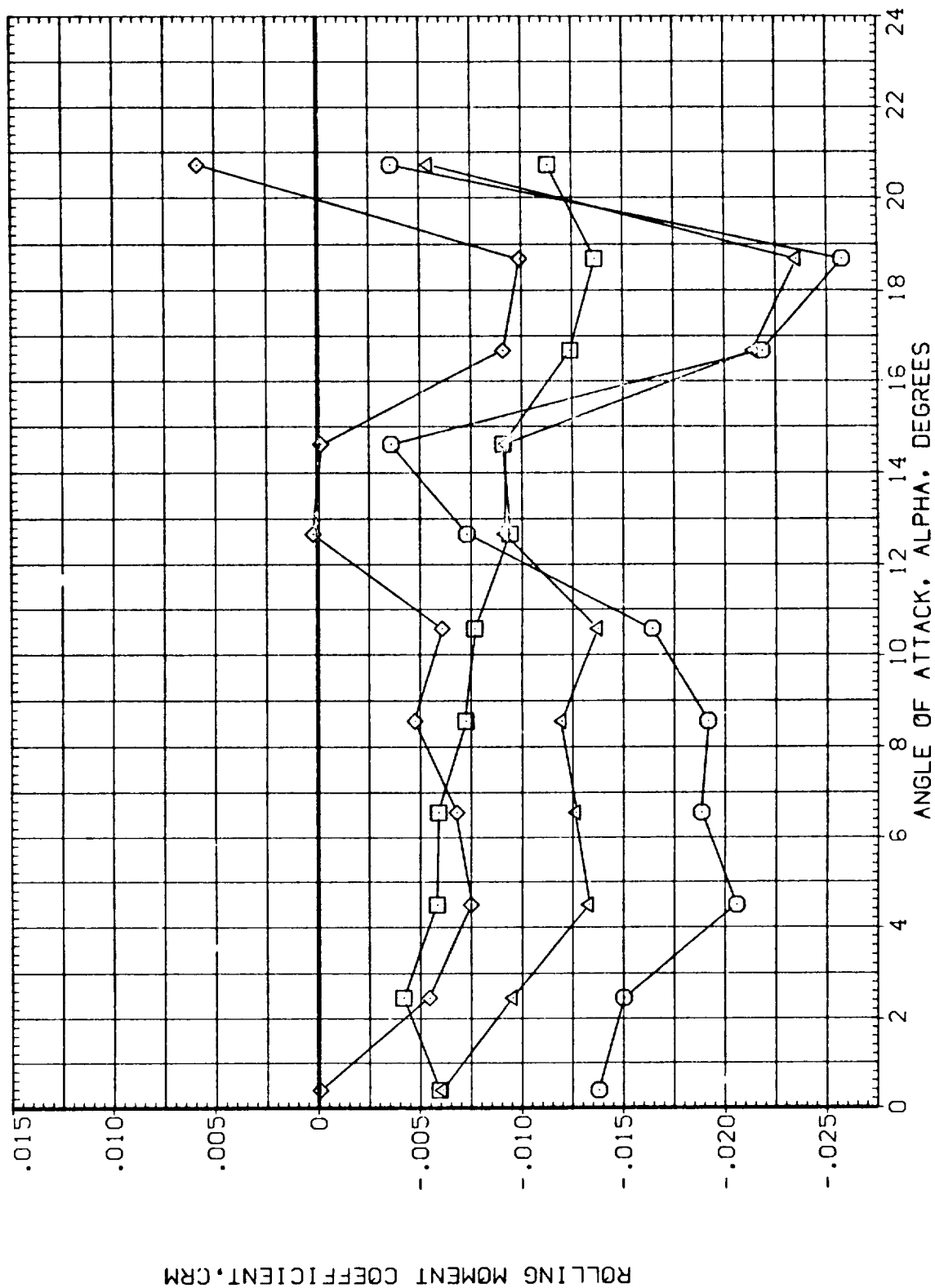


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES					
	CRM	MACH	1.752	BETA	D3	D4	D2-4	PHI-T
○	CRM	D1	.000	.000	.000	.000	.000	.000
□	CRM	D2	.000	.000	.000	.000	.000	.000
◇	CRM	D1-3	.000	.000	.000	.000	.000	.000
△	CRM	PHI-C	.000	.000	.000	.000	.000	.000

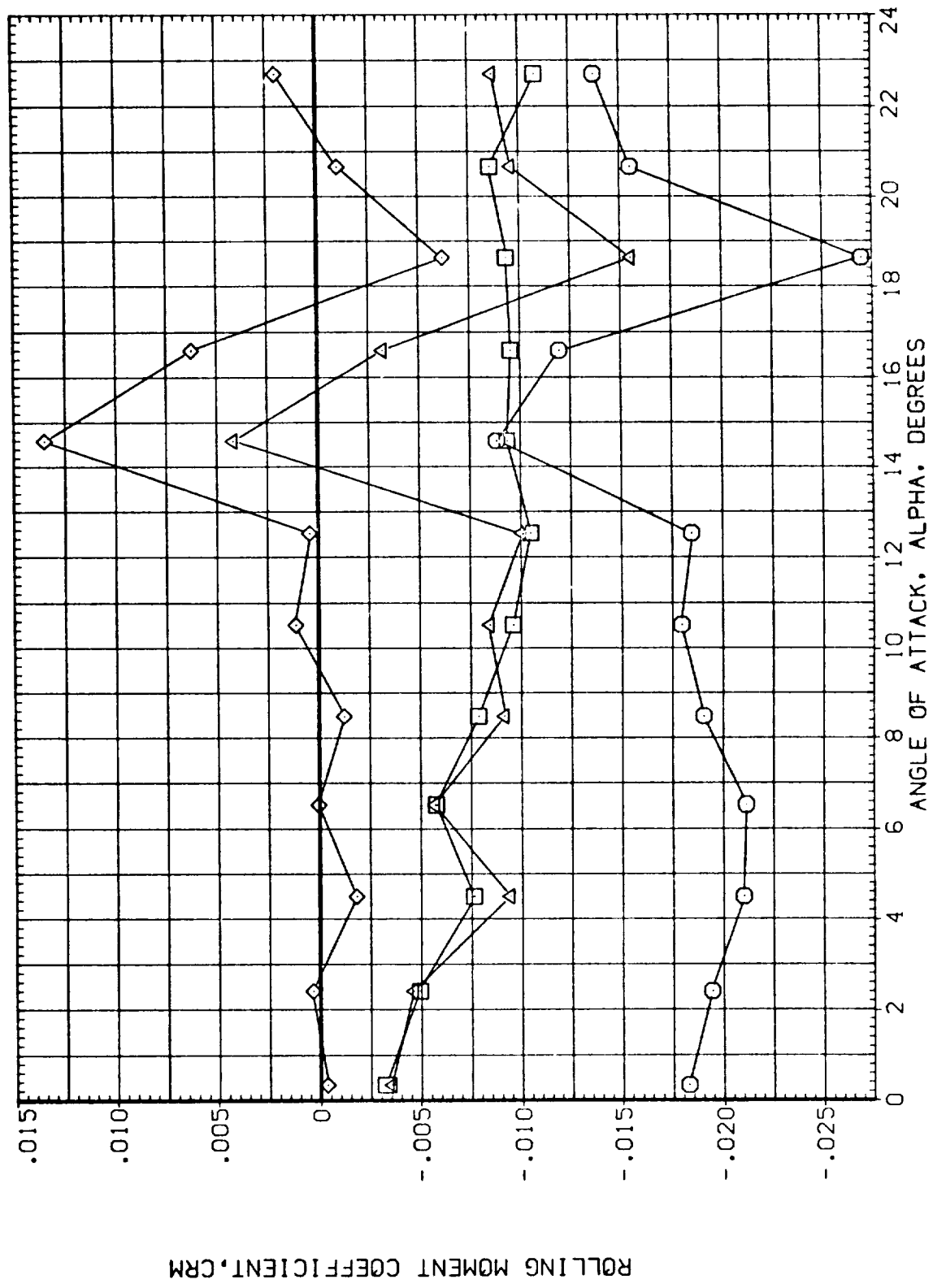


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (BN3C6T2)

(LEZ125)

DATA	MACH	PARAMETRIC VALUES	
CN		.801 BETA	.000
CNC	D1	.000 D3	.000
CNT	D2	5.000 D4	5.000
CNB	D1-3	.000 D2-4	5.000
	PHI-C	.000 PHI-T	.000

SYMBOL  
 ○  
 □  
 ◇  
 △

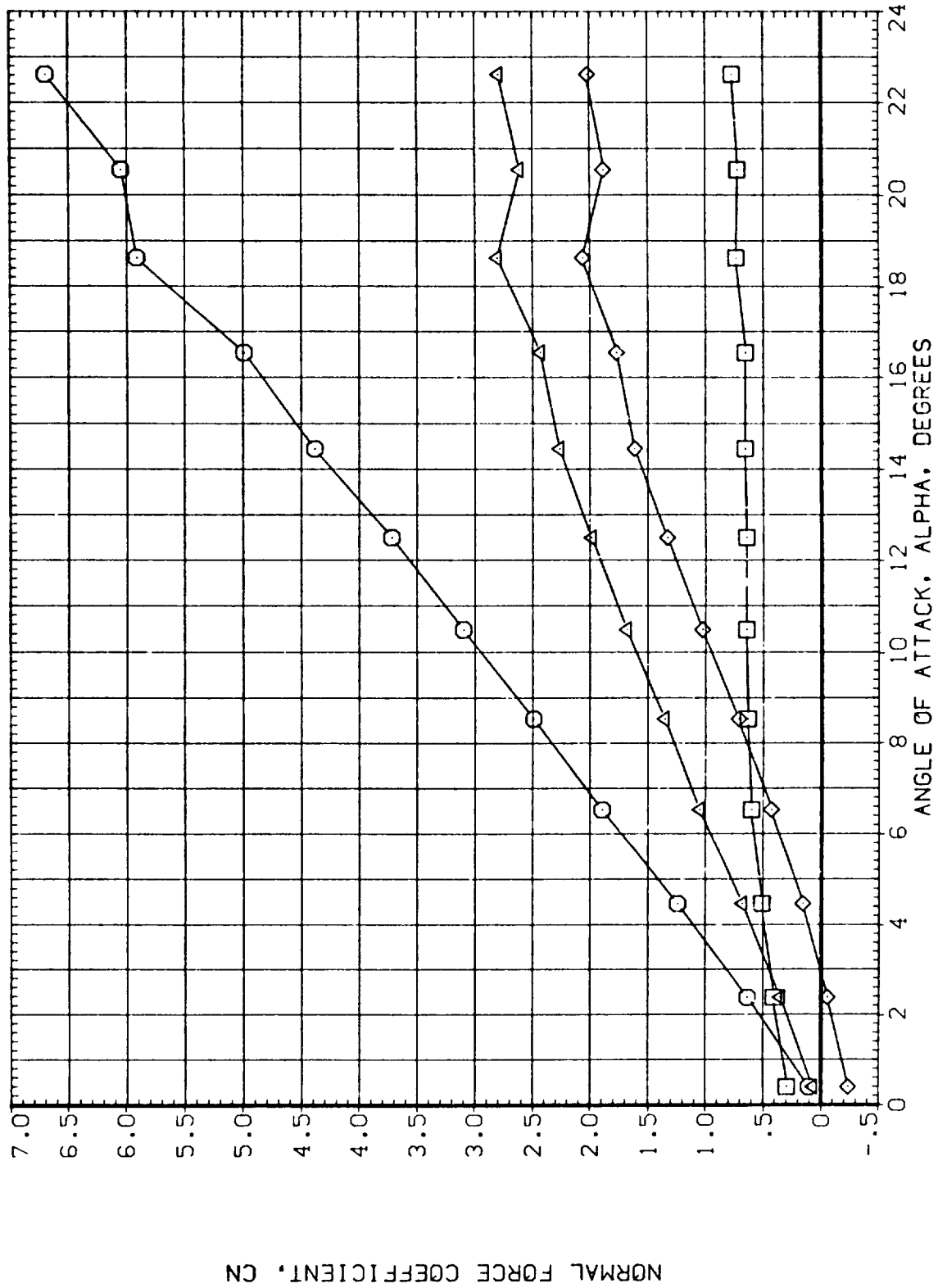


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	MACH	PARAMETRIC VALUES	
CN	1.306	BETA	.000
CNC	D1	D3	.000
CNT	D2	D4	5.000
CNB	D1-3	D2-4	5.000
	PHI-C	PHI-T	.000

SYMBOL  
○  
□  
◇  
△

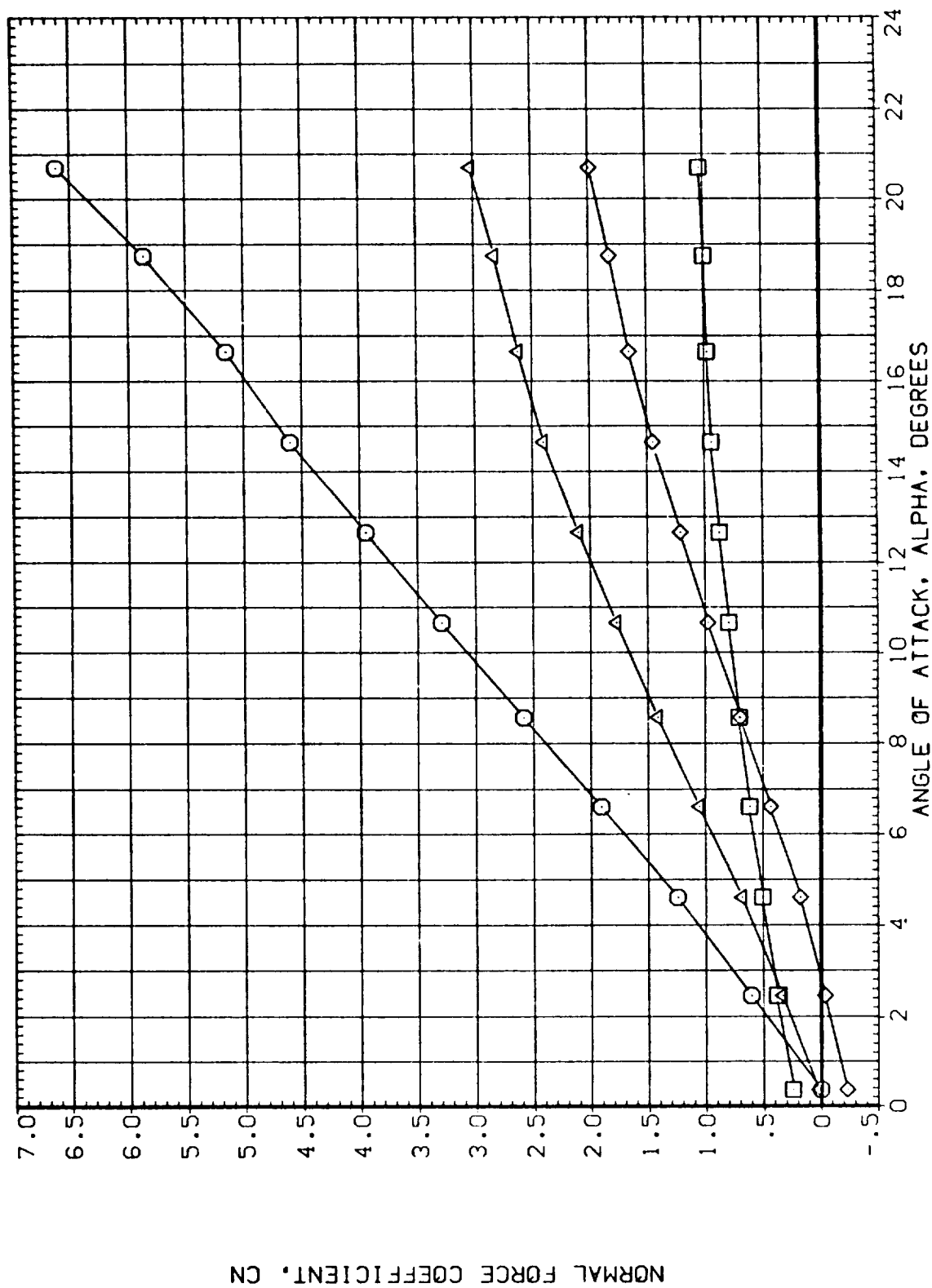
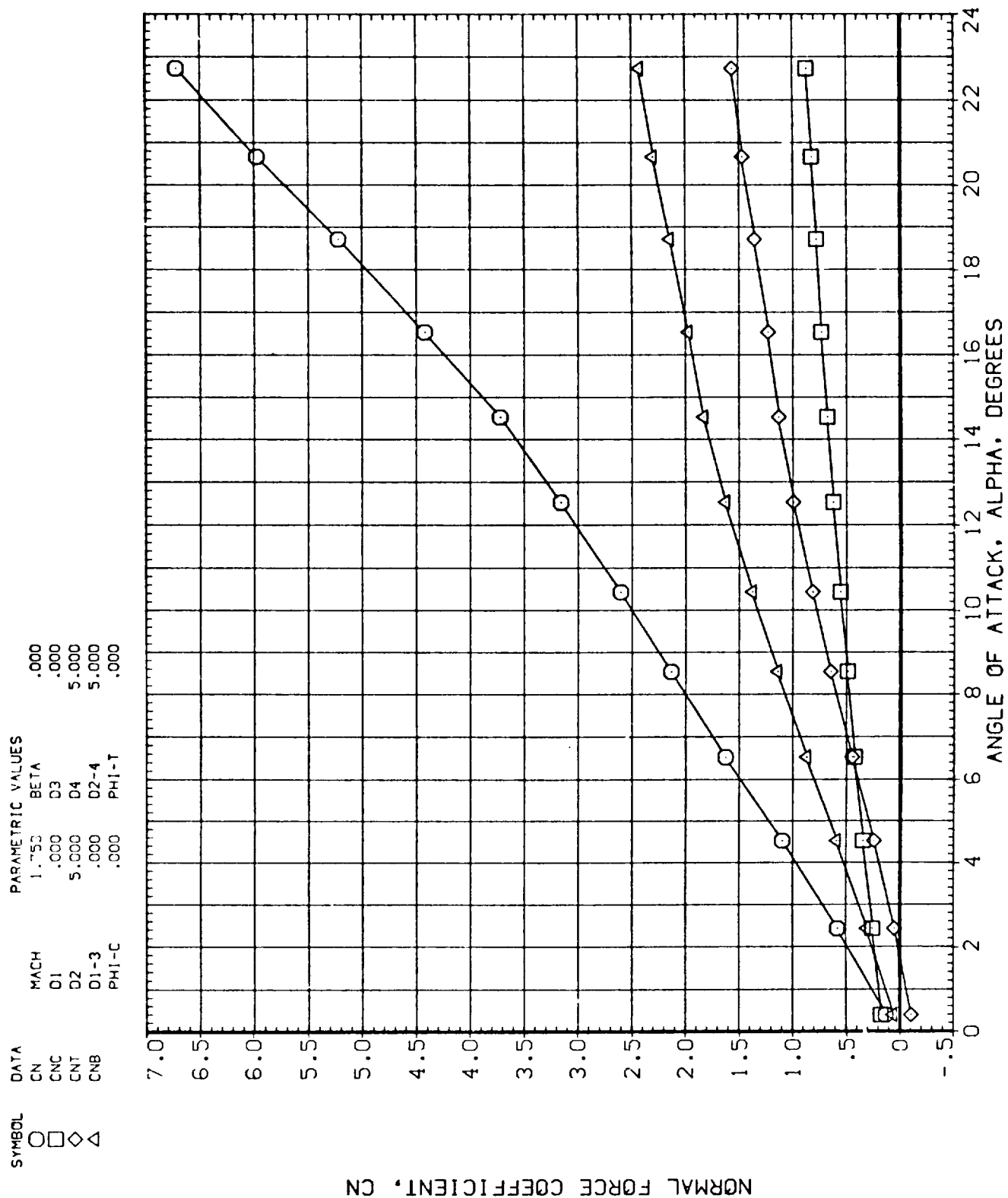


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ125)

CONFIGURATION 10 (BN3C6T2)



CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	.801	BETA	.000		
CH	CMC	D1	.000	D3	.000		
CHT		D2	5.000	D4	5.000		
CHB		D1-3	.000	D2-4	5.000		
		PHI-C	.000	PHI-T	.000		

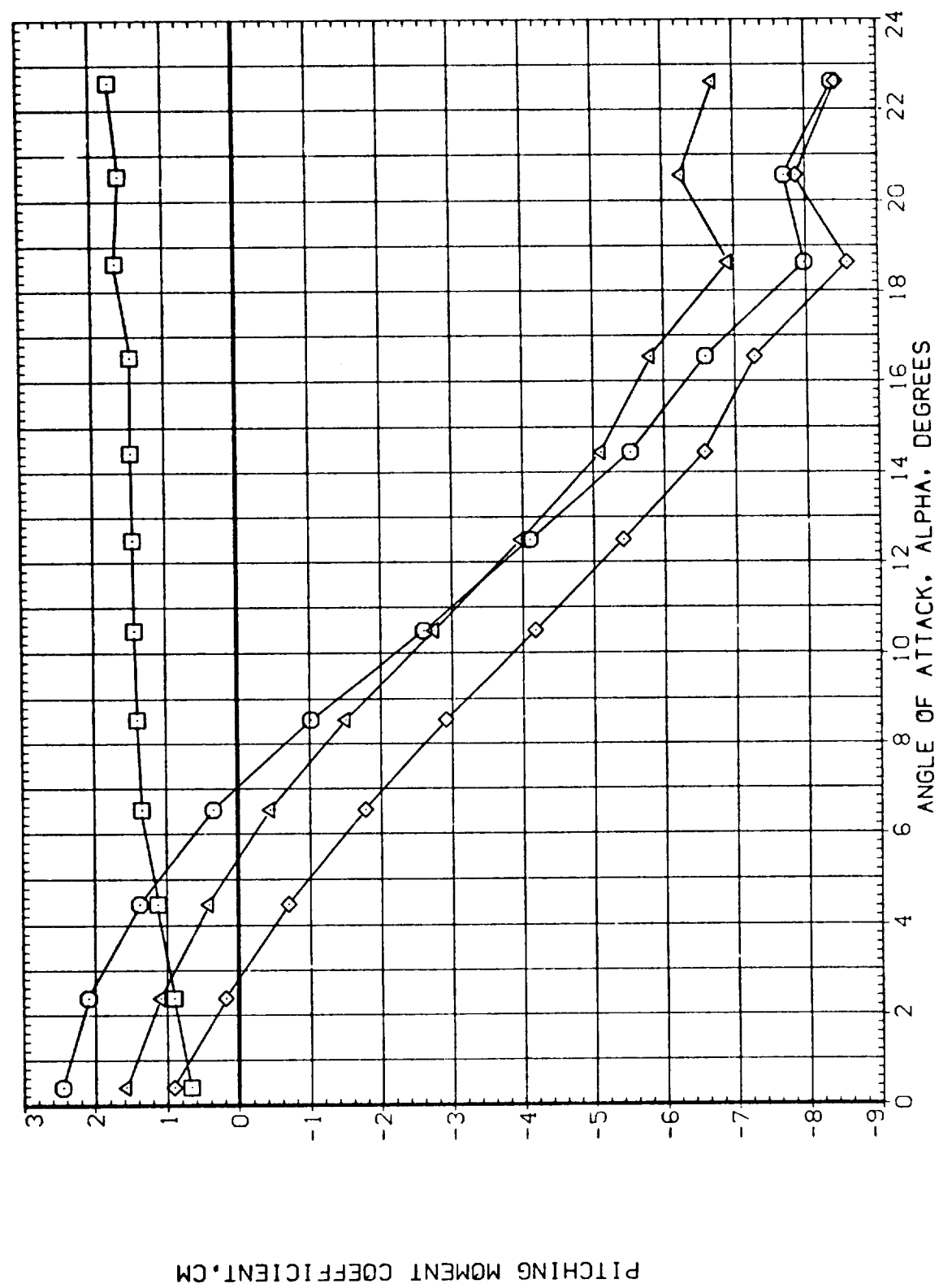


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ125)

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.306	BETA	.000		
○	CH	D1	.000	D3	.000		
□	CMC	D2	5.000	D4	5.000		
◇	CMT	D1-3	.000	D2-4	5.000		
△	CMB	PHI-C	.000	PHI-T	.000		

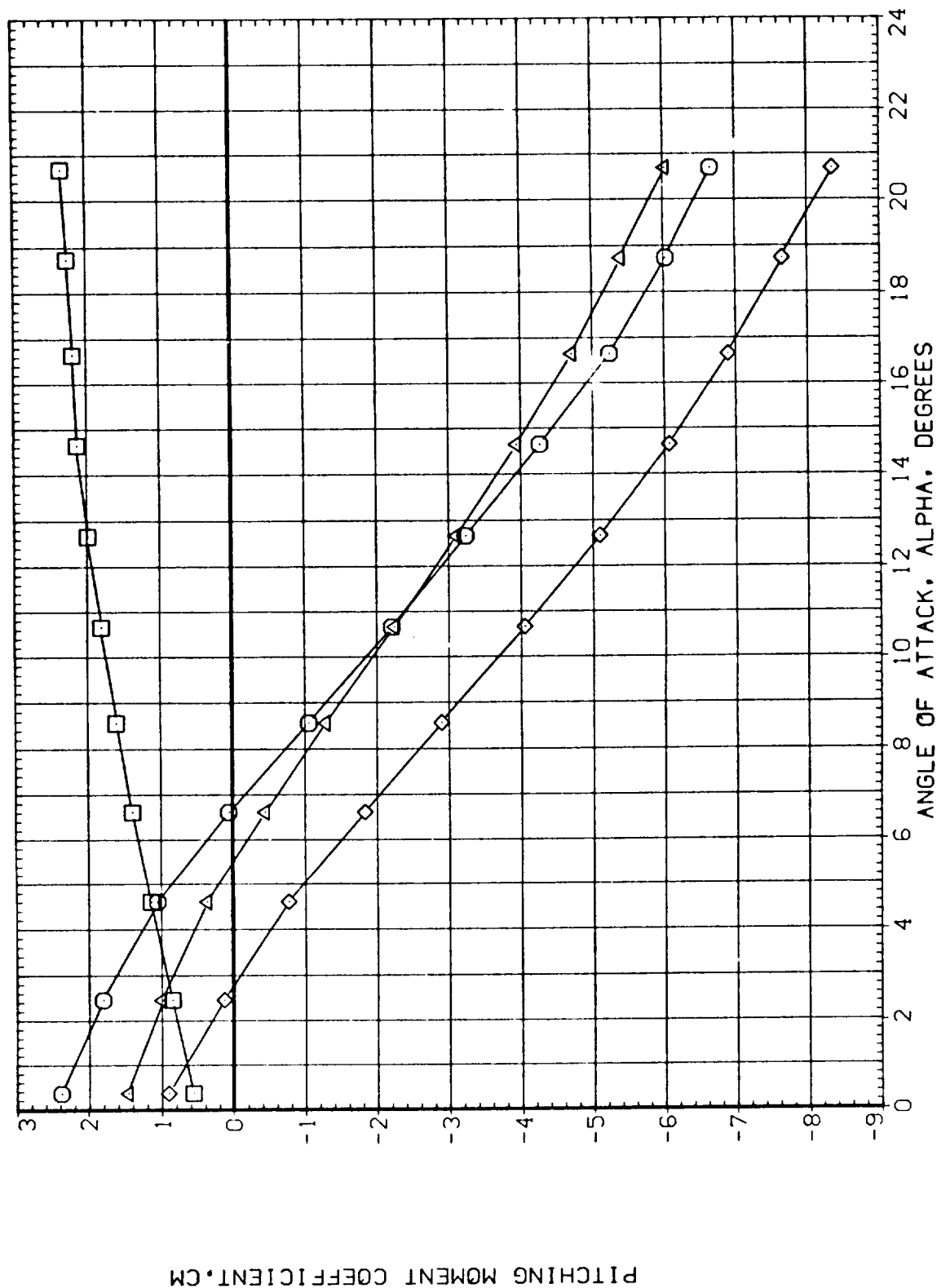


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES				
	CM	MACH	1.753	BETA	.000		
○	CMC	D1	.000	D3	.000		
□	CHT	D2	5.000	D4	5.000		
◇	CMB	D1-3	.000	D2-4	5.000		
△		PHI-C	.000	PHI-T	.000		

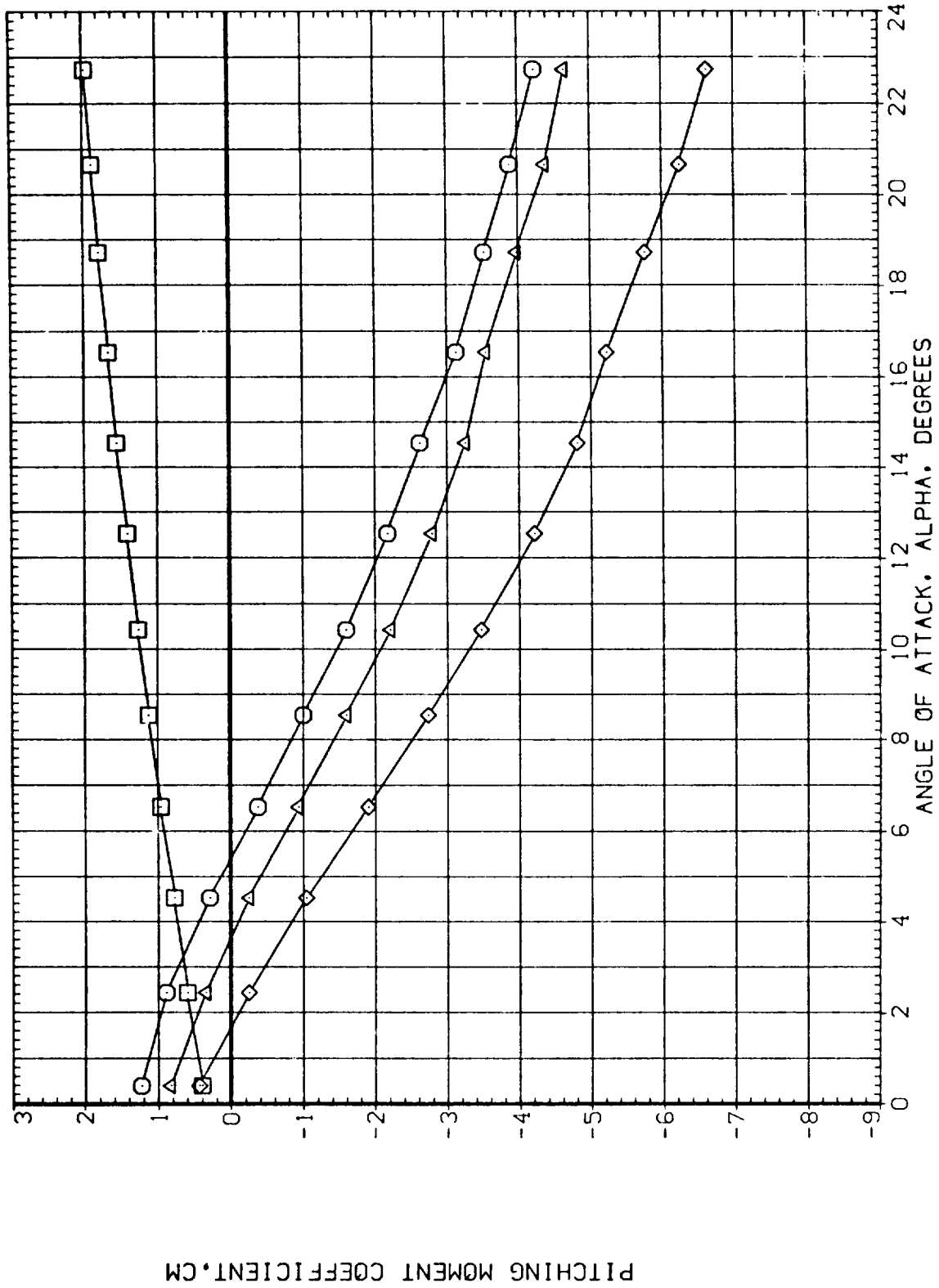


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



CONFIGURATION 1C (BN3C6T2)

(0EZ125)

SYMBOL	DATA	PARAMETRIC VALUES
○	CA	
	MACH	.801 BETA .000
	D1	.000 D3 .000
	D2	5.000 D4 5.000
	D1-3	.000 D2-4 5.000
	PHI-C	.000 PHI-T .000

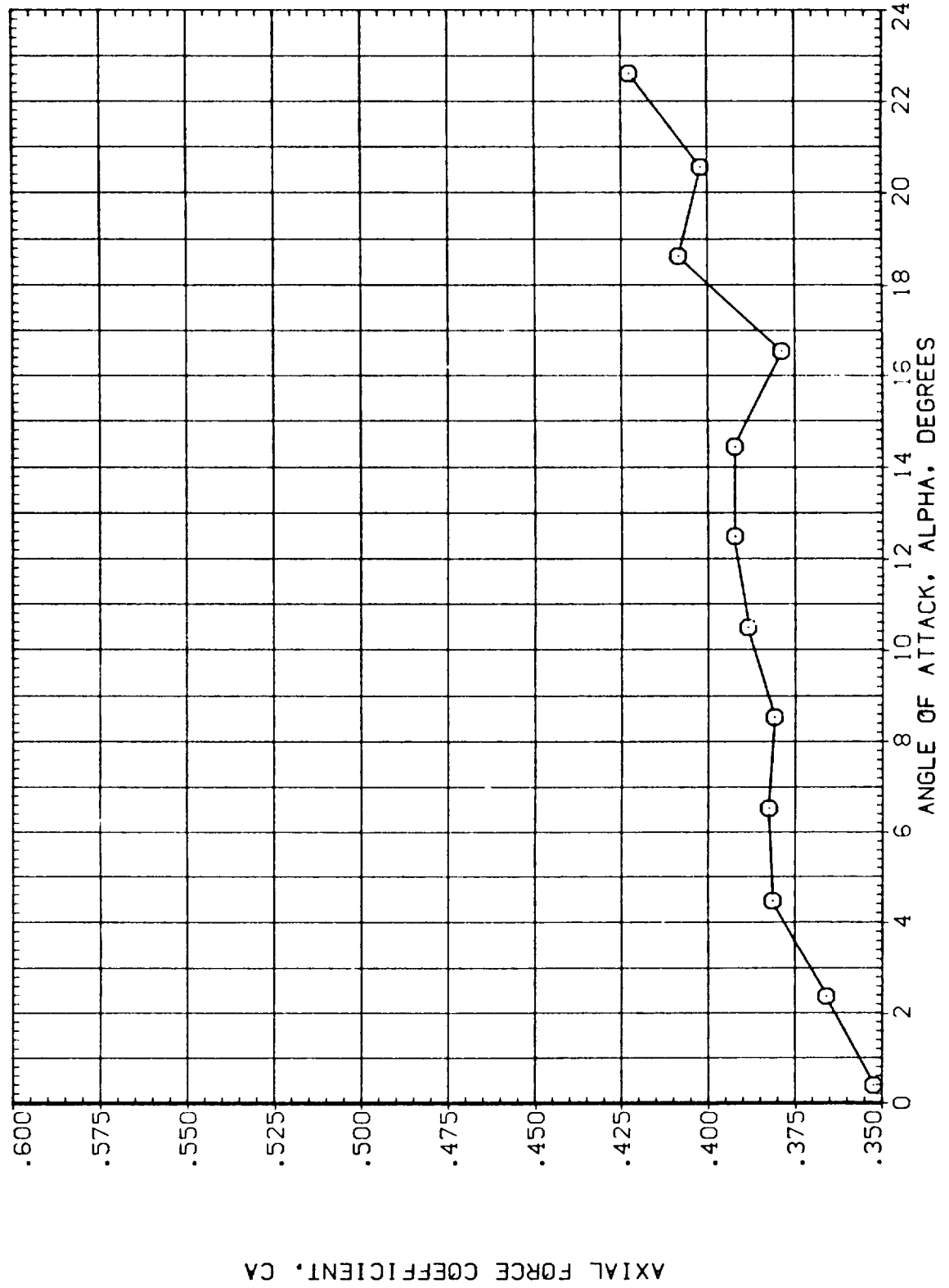


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ125)

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	PARAMETRIC VALUES			
		MACH	BETA	D3	D4
O	CA	1.306	.000	.000	.000
		D1	.000	D3	.000
		D2	5.000	D4	5.000
		D1-3	.000	D2-4	5.000
	PHI-C	.000	PHI-T	.000	

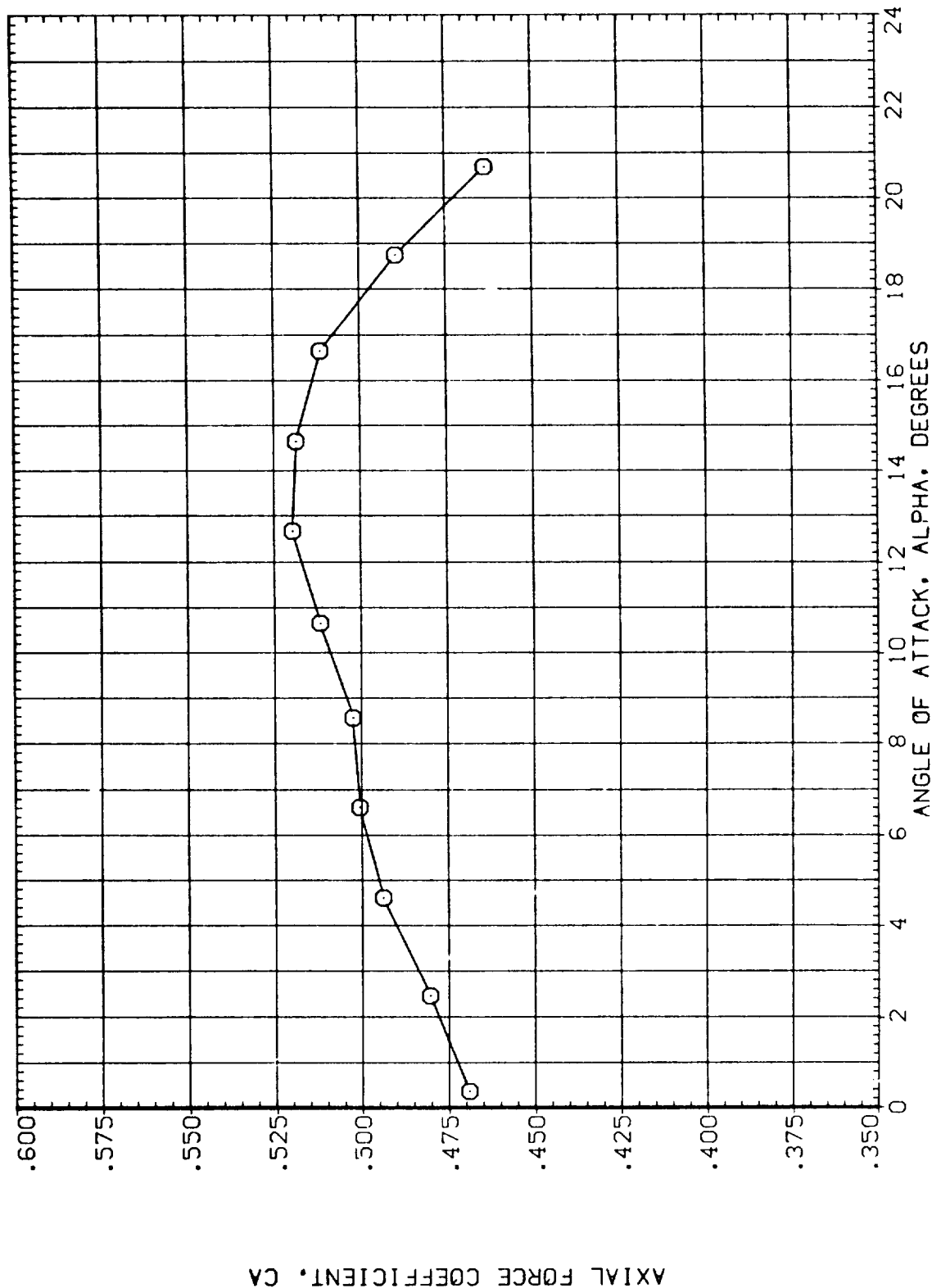


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (EN3C6T2)

(0EZ125)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
○	CA		1.753	BETA
		D1	.000	D3
		D2	5.000	D4
		D1-3	.000	D2-4
		PHI-C	.000	PHI-T

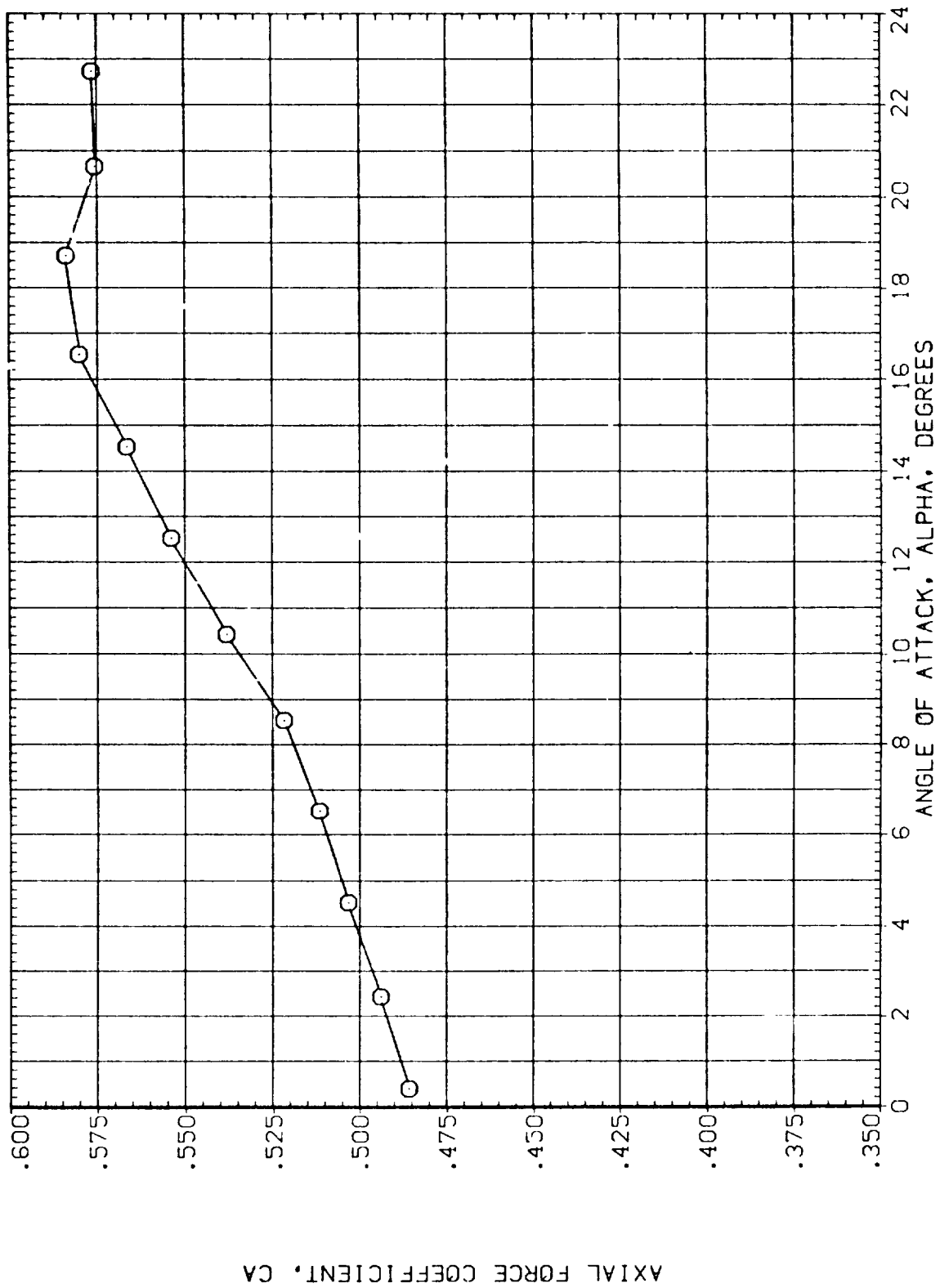


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

DATA	MACH	PARAMETRIC VALUES	
CY		.801 BETA	.000
CYC	D1	.000 D3	.000
CYT	D2	5.000 D4	5.000
CYB	D1-3	.000 D2-4	5.000
	PHI-C	.000 PHI-T	.000

SYMBOL  
○  
□  
◇  
△

SIDE FORCE COEFFICIENT, CY

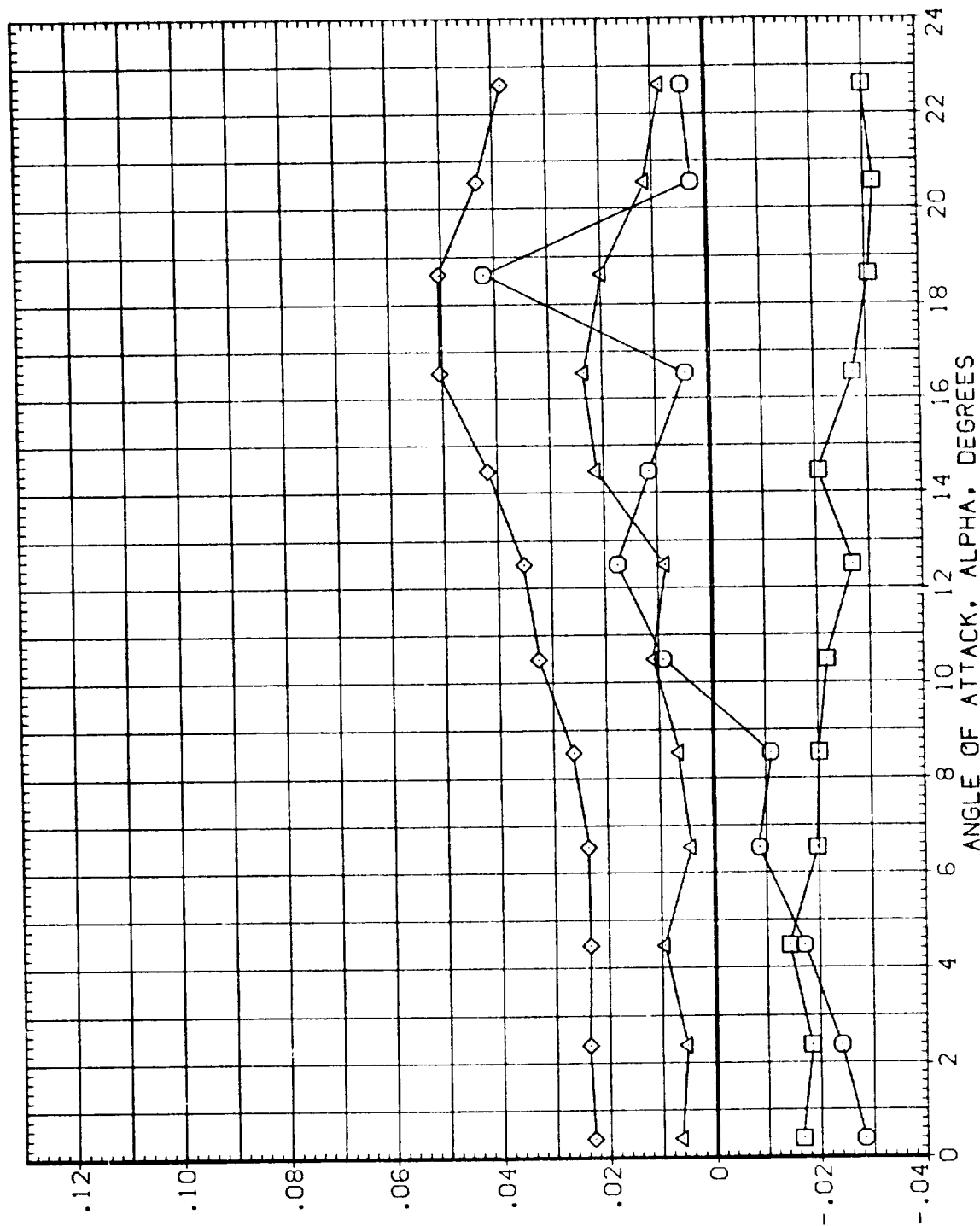


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN006T2)

(MEZ125)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
○	CY	D1	BETA	.000
□	CYC	D2	D3	.000
◇	CYT	D1-3	D4	5.000
△	CVB	PHI-C	D2-4	5.000
		PHI-T		.000

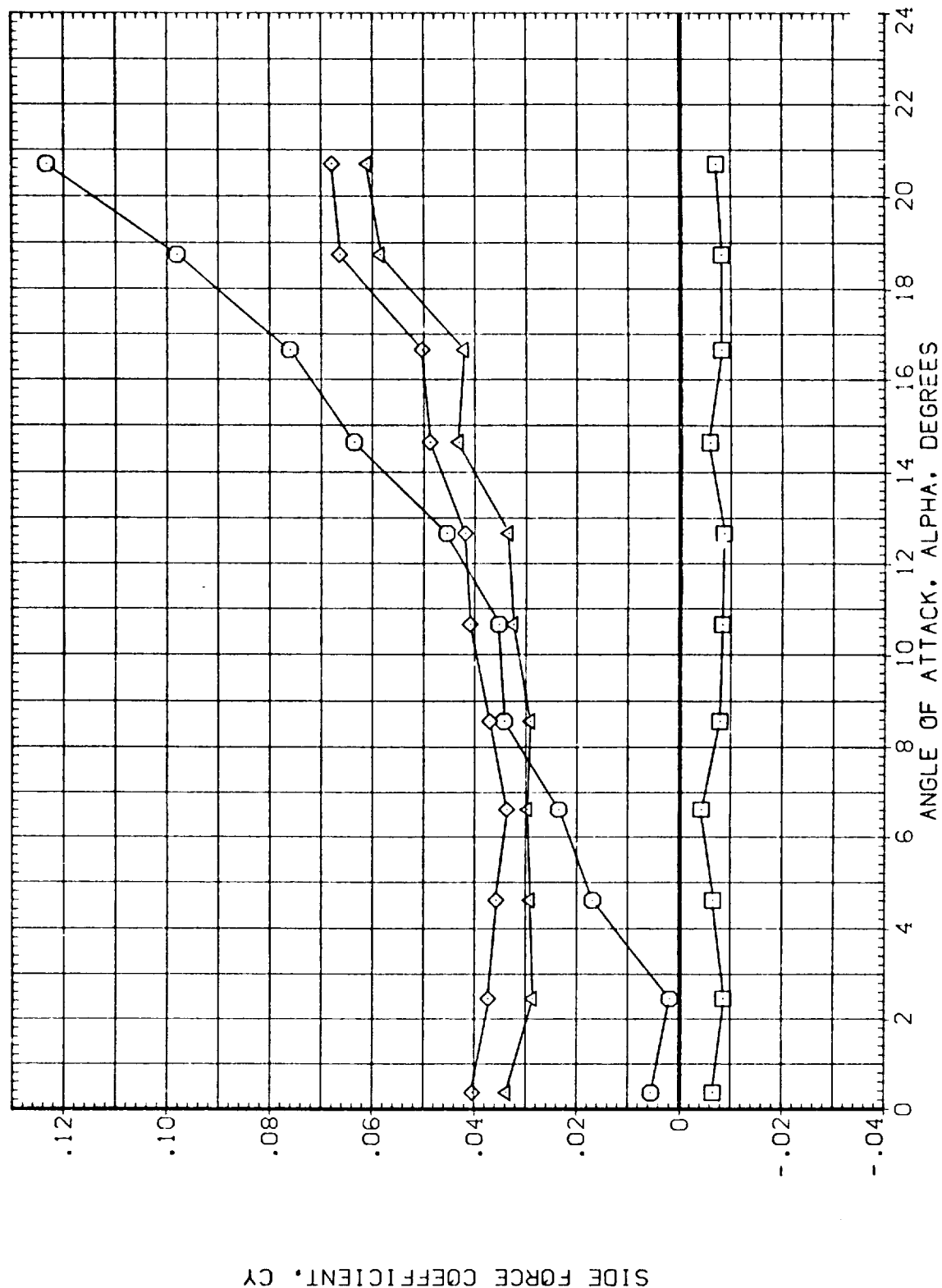


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES					
	CY	MACH	BETA	D1	D3	D4	D2-4	PHI-T
○	CYC	D1	.000	.000	.000	.000	.000	.000
□	CYT	D2	5.000	5.000	5.000	5.000	5.000	5.000
◇	CYB	D1-3	.000	.000	.000	.000	.000	.000
△		PHI-C	.000	.000	.000	.000	.000	.000

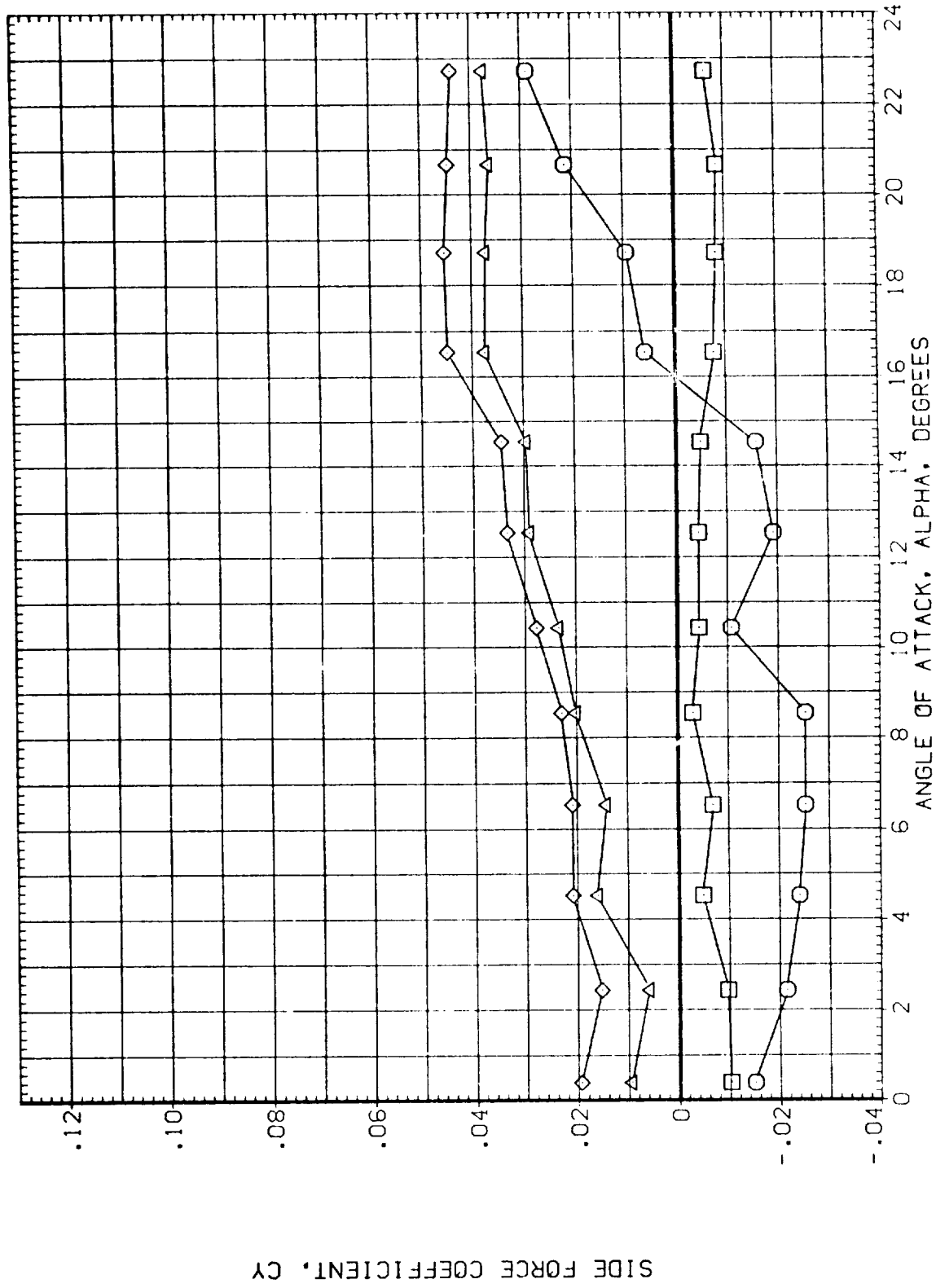


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (BN3C6T2)

(MEZ125)

DATA	PARAMETRIC VALUES
SYM	MACH
CYM	.801
CYMC	BETA
CYMT	.000
CYMB	D3
	.000
	D4
	5.000
	D2-4
	5.000
	PHI-T
	.000
	PHI-C
	.000

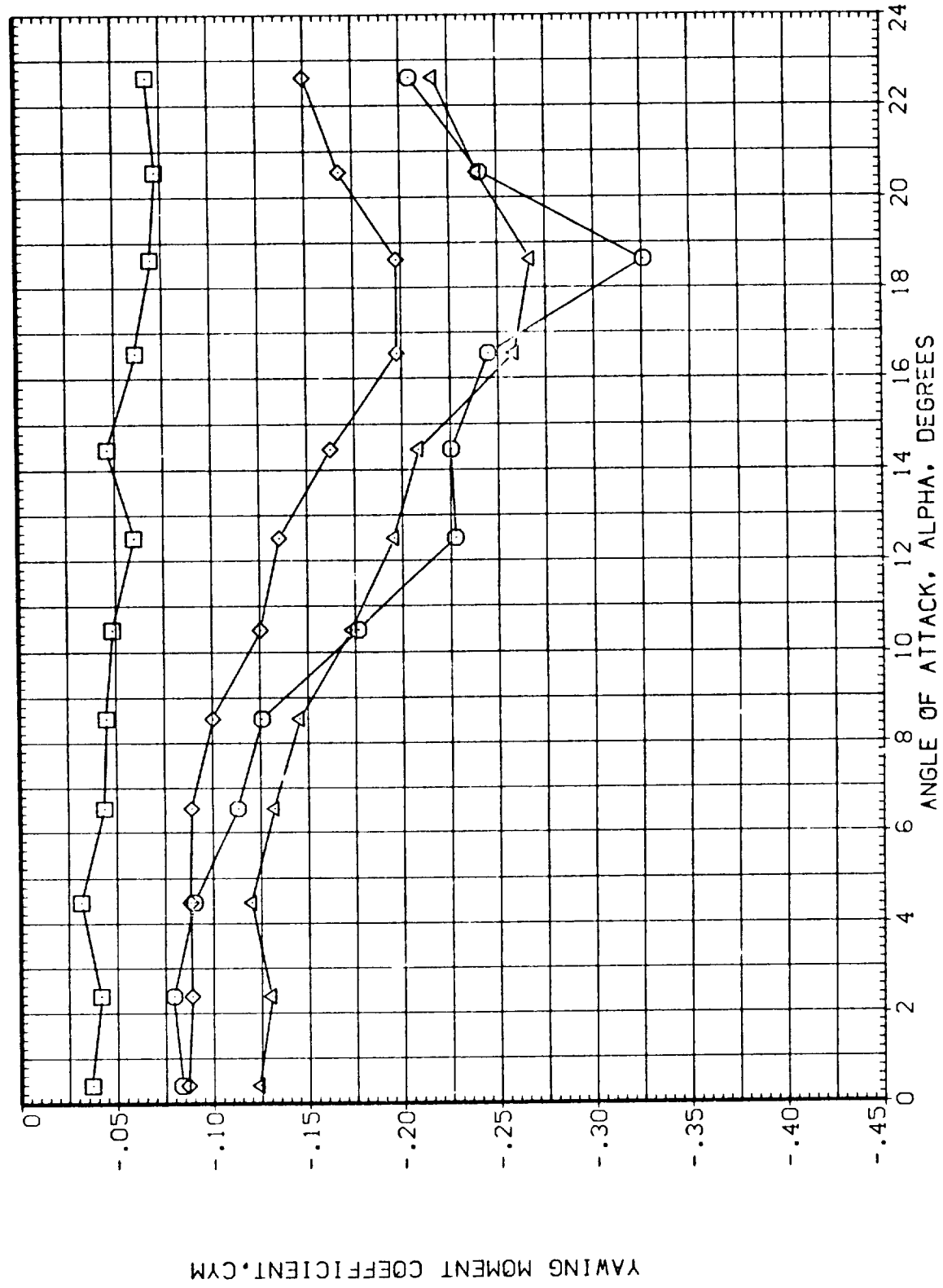


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

DATA		PARAMETRIC VALUES			
SYM	DATA	MACH	1.306	BETA	.000
CYM	D1	D1	.000	D3	.000
CYMC	D2	D2	5.000	D4	5.000
CYMT	D1-3	D1-3	.000	D2-4	5.000
CYMB	PHI-C	PHI-T	.000	PHI-T	.000

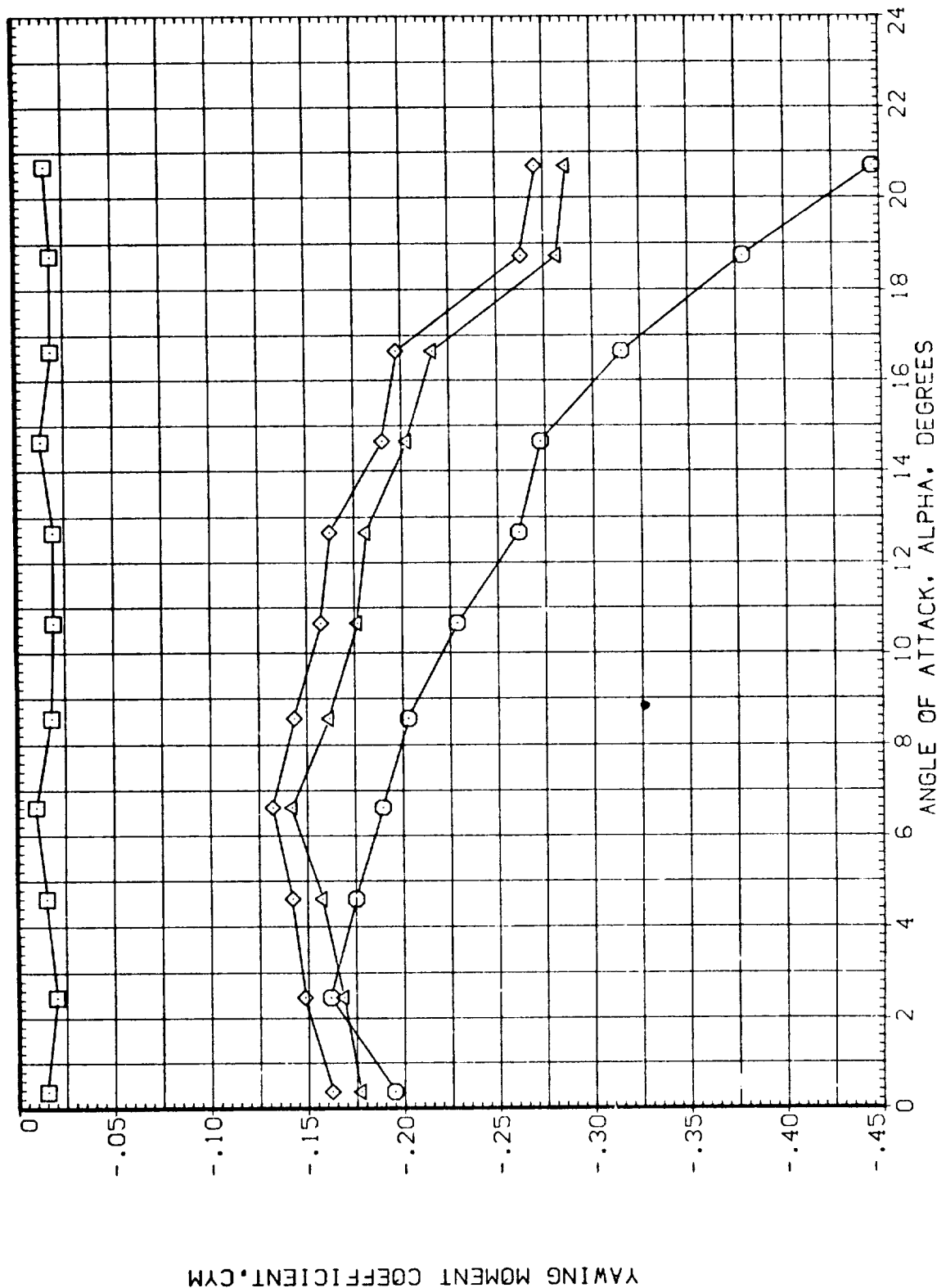


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 10 (BN3C6T2)

(MEZ125)

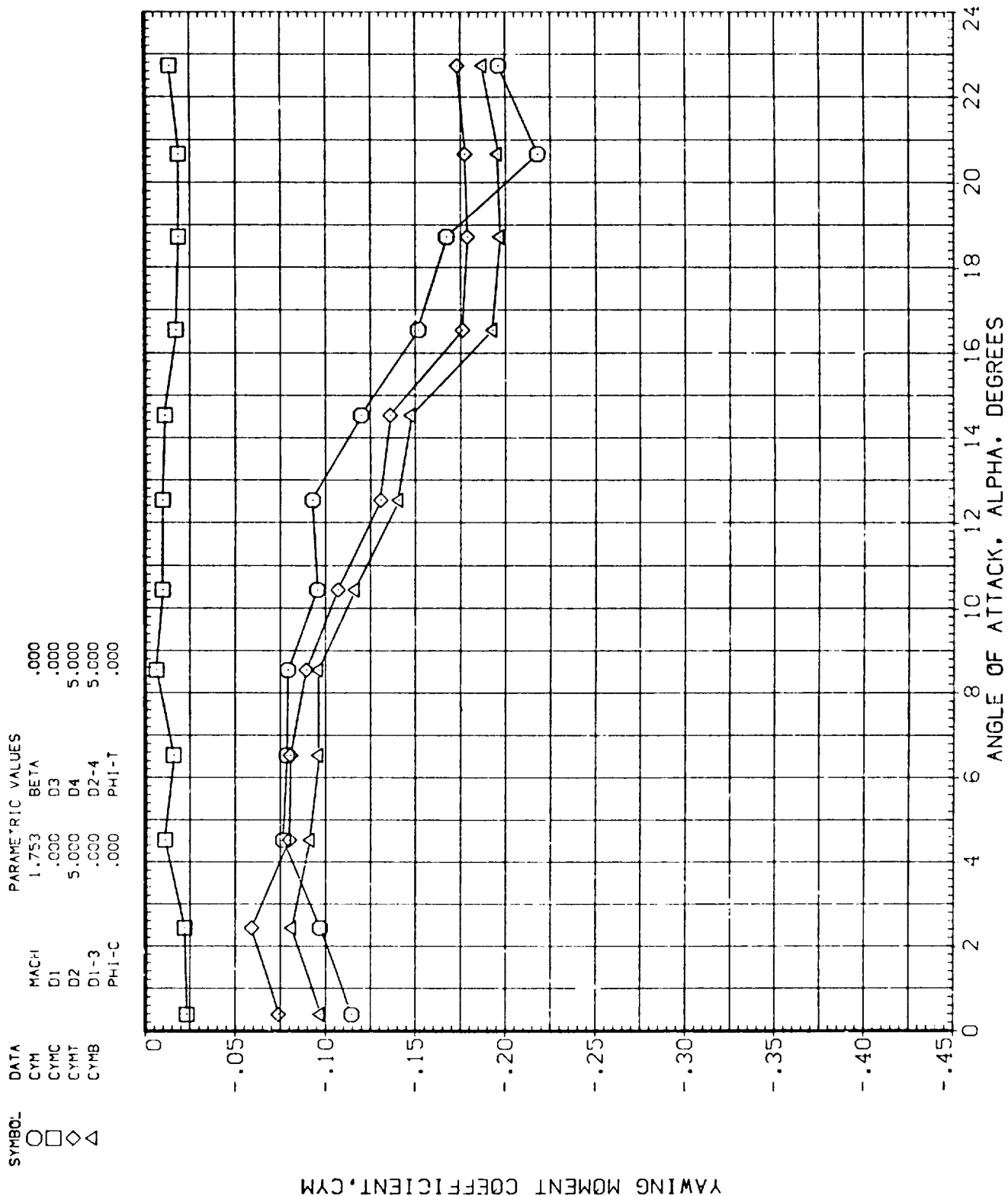


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

## CONFIGURATION 10 (BN3C6T2)

DATA	MACH	PARAMETRIC VALUES	
CRM		.801	BETA
CRM	D1	.000	D3
CRM	D2	5.000	D4
CRM	D1-3	.000	D2-4
CRM	PHI-C	.000	PHI-T

SYMBOL  
 ○  
 □  
 ◇  
 △

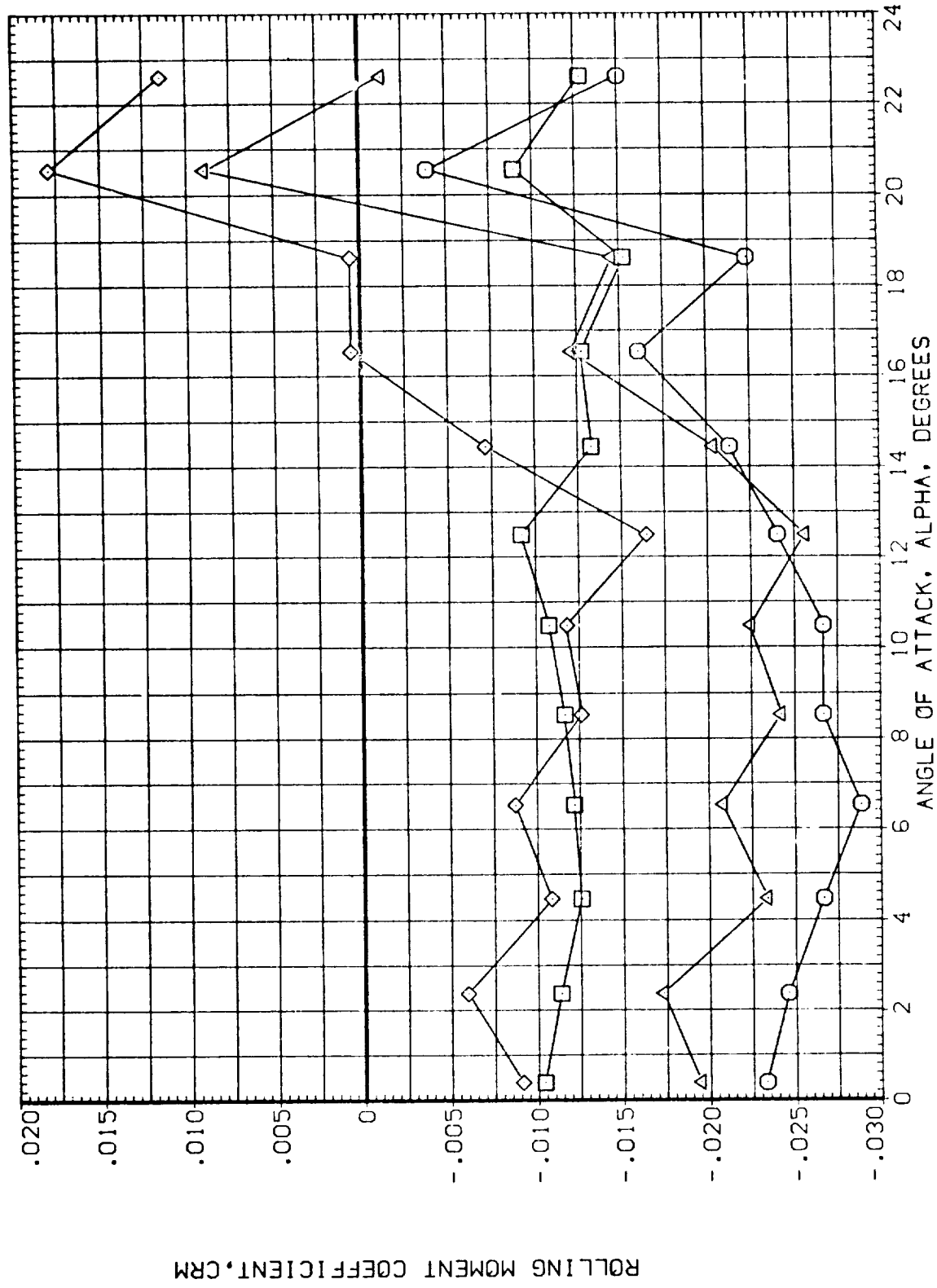


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ125)

CONFIGURATION 10 (BN306T2)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.306	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRM	D2	5.000	D4	5.000		
◇	CRM	D1-3	.000	D2-4	5.000		
△	CRM	PHI-C	.000	PHI-T	.000		

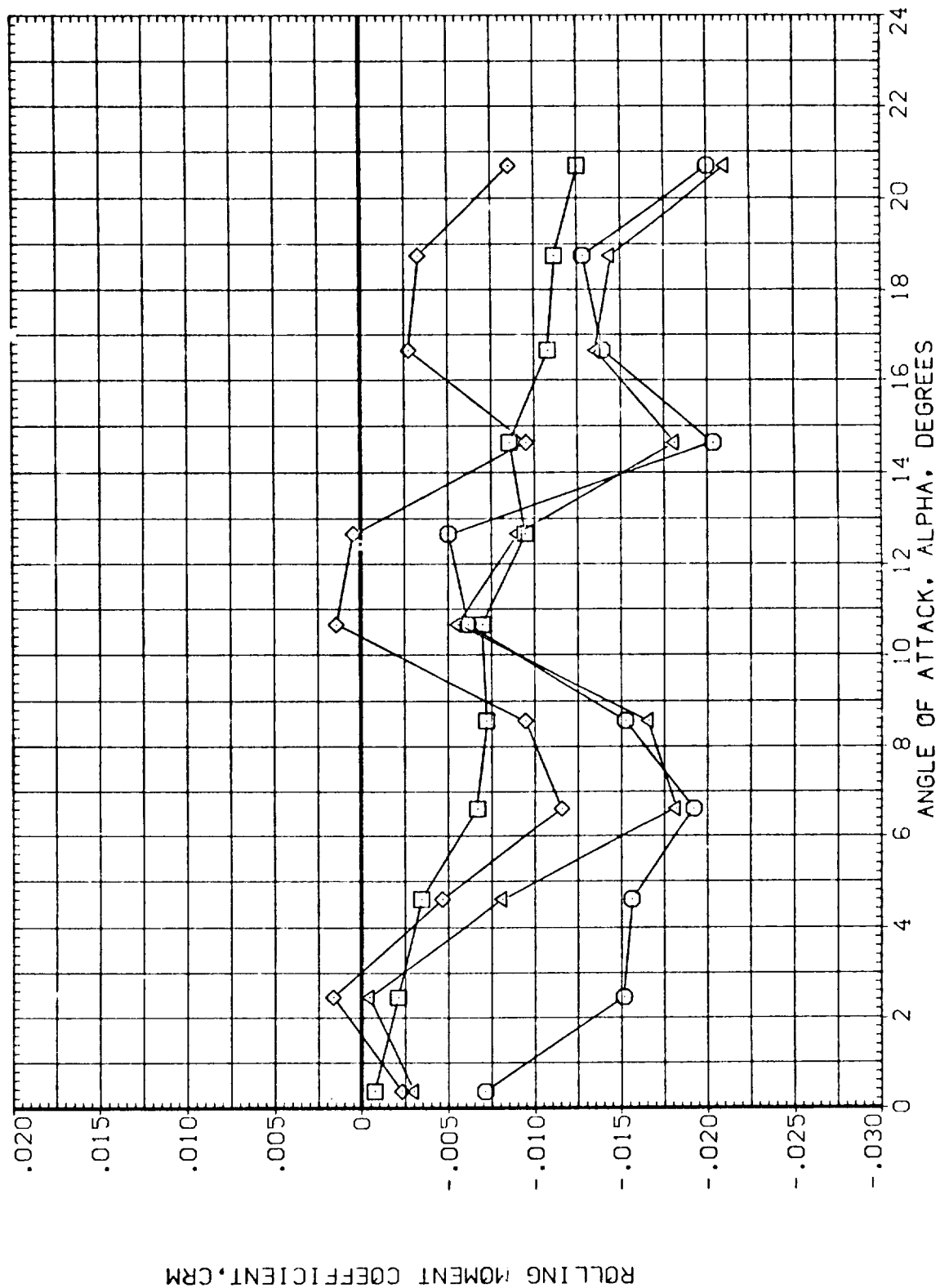


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES				
	CRM	MACH	1.753	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRM	D2	5.000	D4	5.000		
◇	CRM	D1-3	.000	D2-4	5.000		
△	CRM	PHI-C	.000	PHI-T	.000		

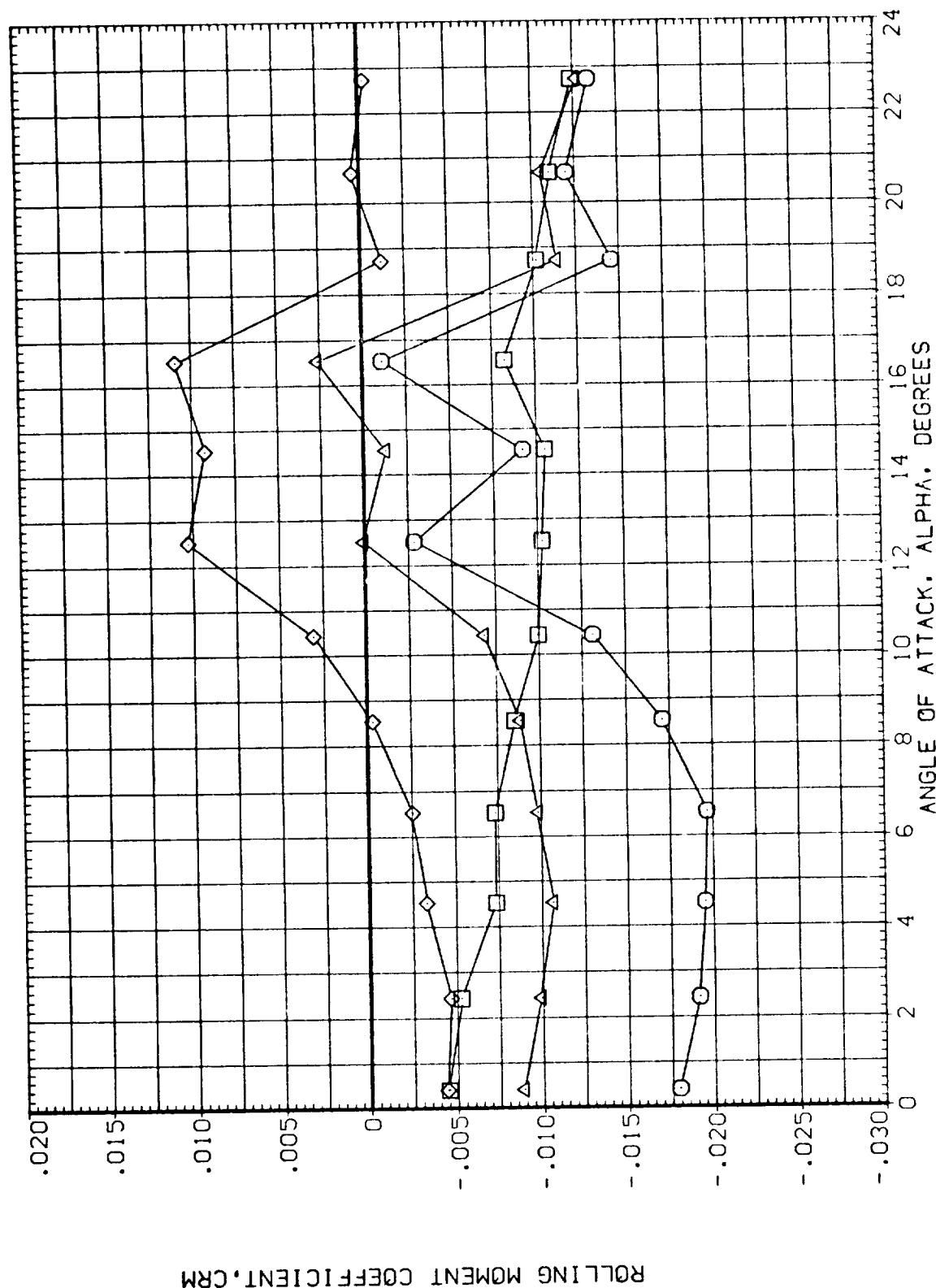


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ124)

CONFIGURATION 10 (BN3C6T2)

DATA	MACH	PARAMETRIC VALUES
CN		.797 BETA .000
CNC	D1	.000 D3 .000
CNT	D2	10.000 D4 10.000
CNB	D1-3	.000 D2-4 10.000
	PHI-C	.000 PHI-T .000

○ □ ◇ △

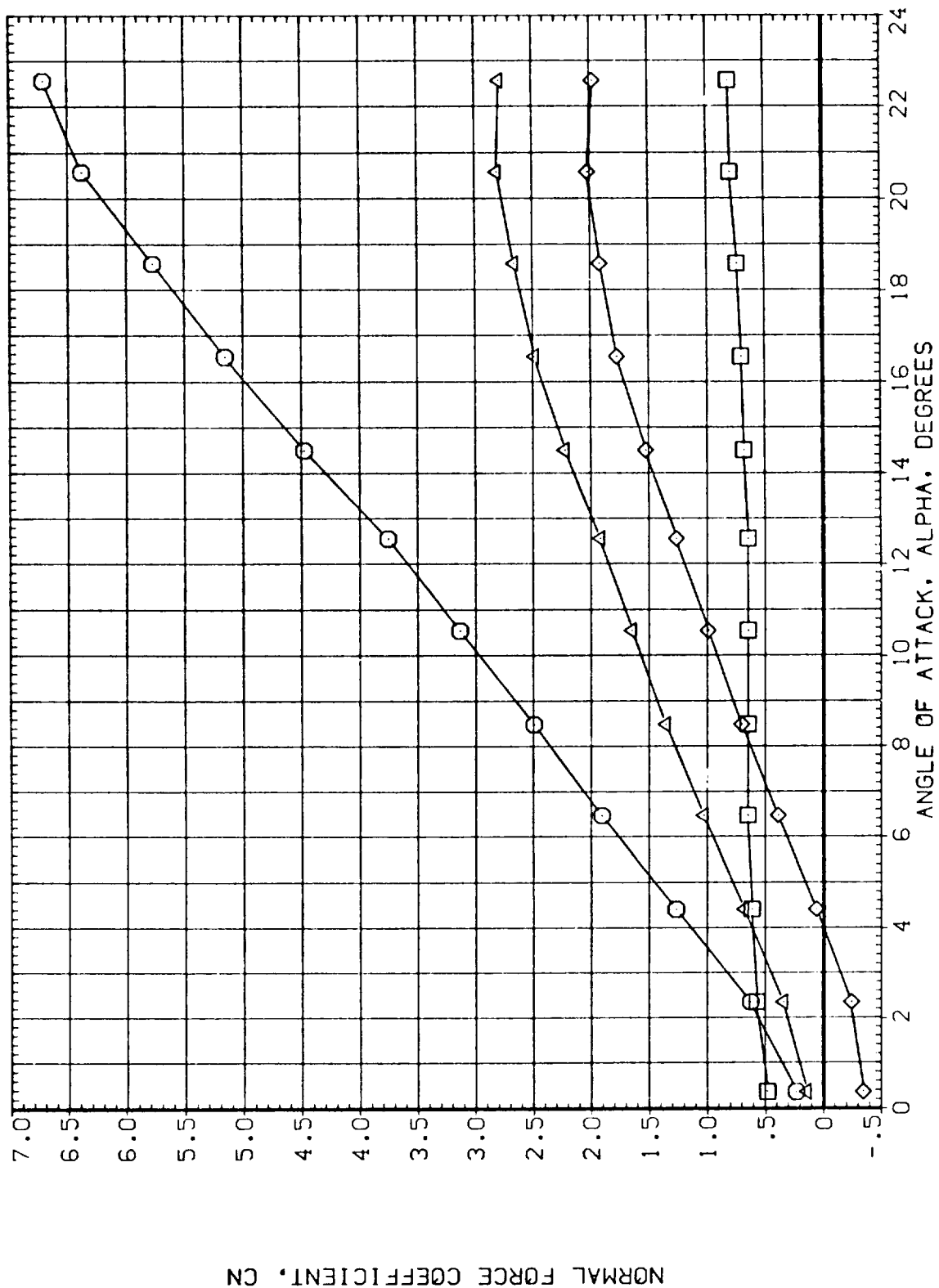


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	MACH	PARAMETRIC VALUES	
CN	1.305	BETA	.000
CNC	D1	D3	.000
CNT	D2	D4	10.000
CNB	D1-3	D2-4	10.000
	PHI-C	PHI-T	.000

SYMBOL  
○  
□  
◇  
△

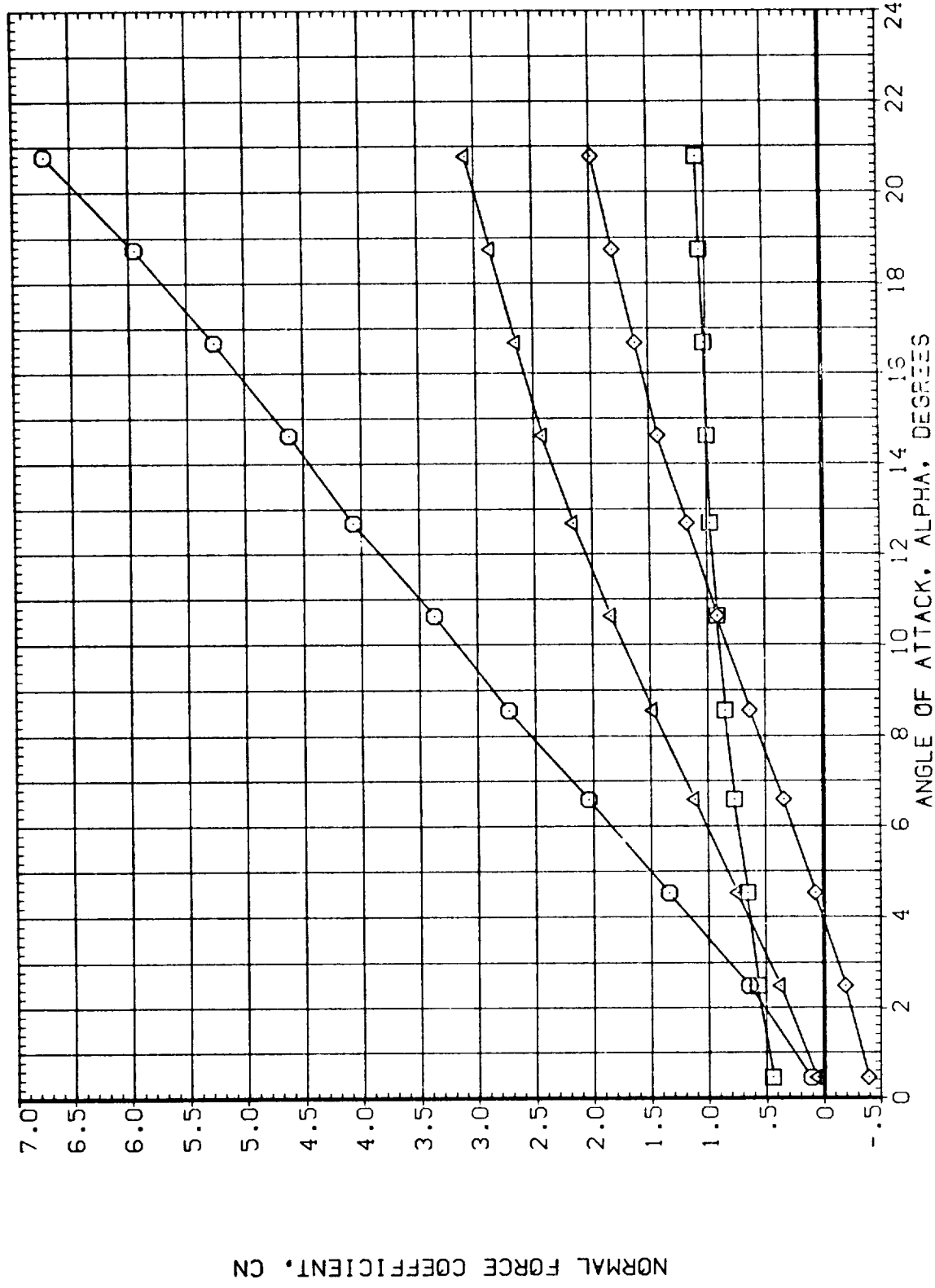


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ124)

CONFIGURATION 10 (BN3C6T2)

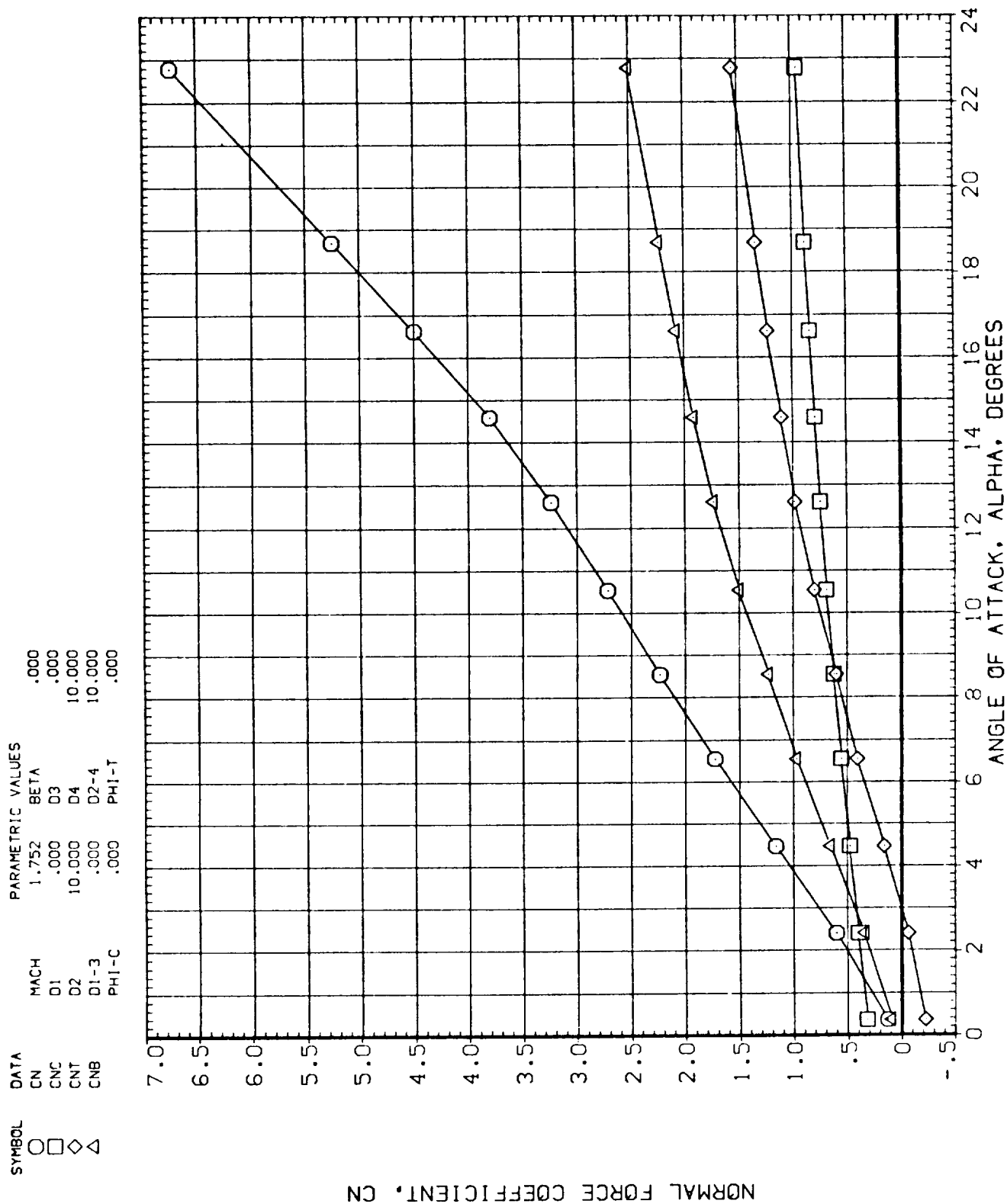


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(LEZ124)

CONFIGURATION 10 (BN3C6T2)

DATA	PARAMETRIC VALUES
CM	MACH .797 BETA .000
CMC	D: .000 D3 .000
CMT	D2 10.000 D4 10.000
CMB	D1-3 .000 D2-4 10.000
	PHI-C .000 PHI-T .000

SYMBOL  
○ □ ◇ △

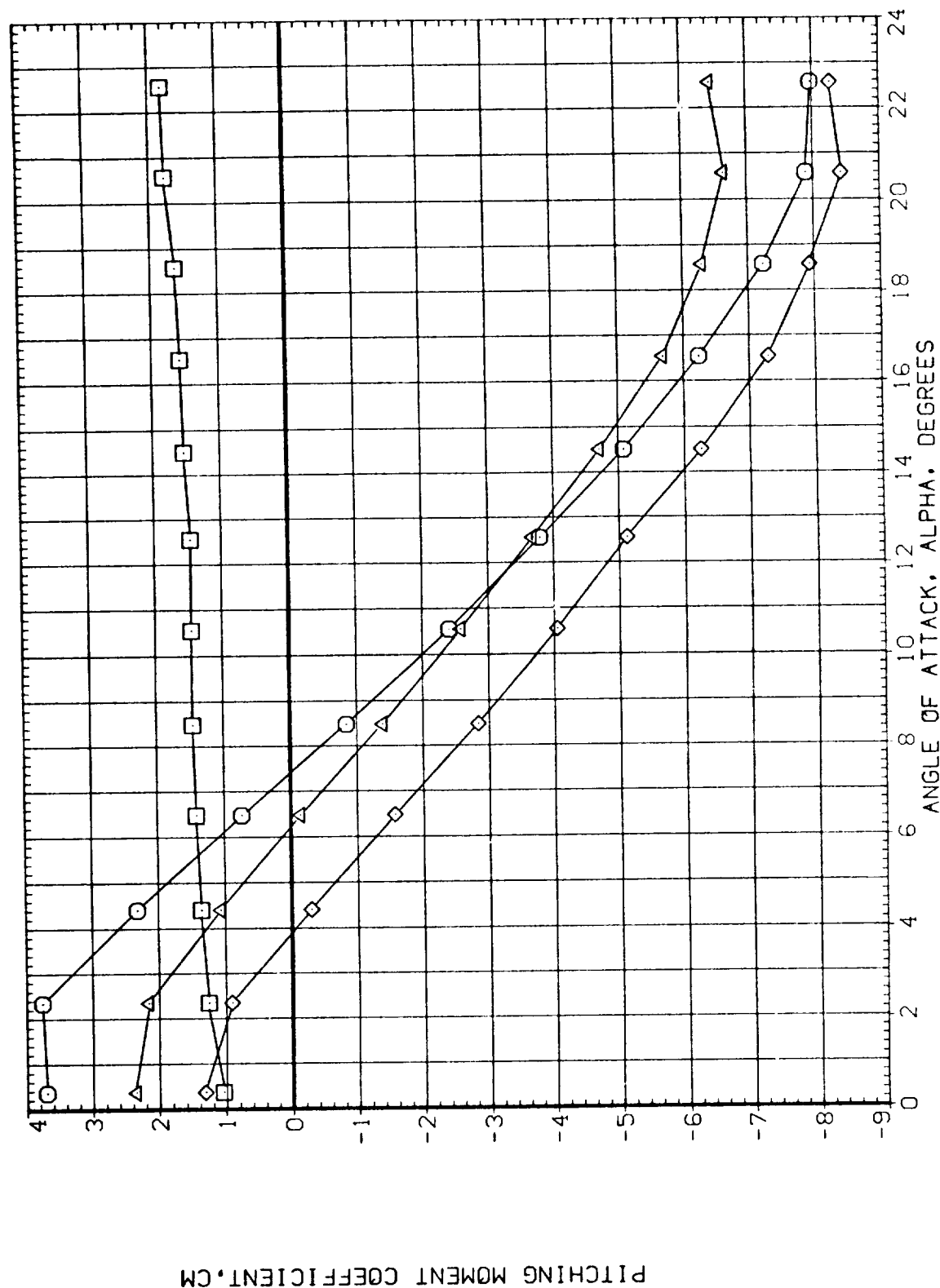


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



(LEZ124)

CONFIGURATION 10 (BN3C6T2)

DATA	PARAMETRIC VALUES
CM	MACH 1.305 BETA .000
CMC	D1 .000 D3 .000
CMT	D2 10.000 D4 10.000
CMB	D1-3 .000 D2-4 10.000
	PHI-C .000 PHI-T .000

SYMBOL  
○ □ ◇ △

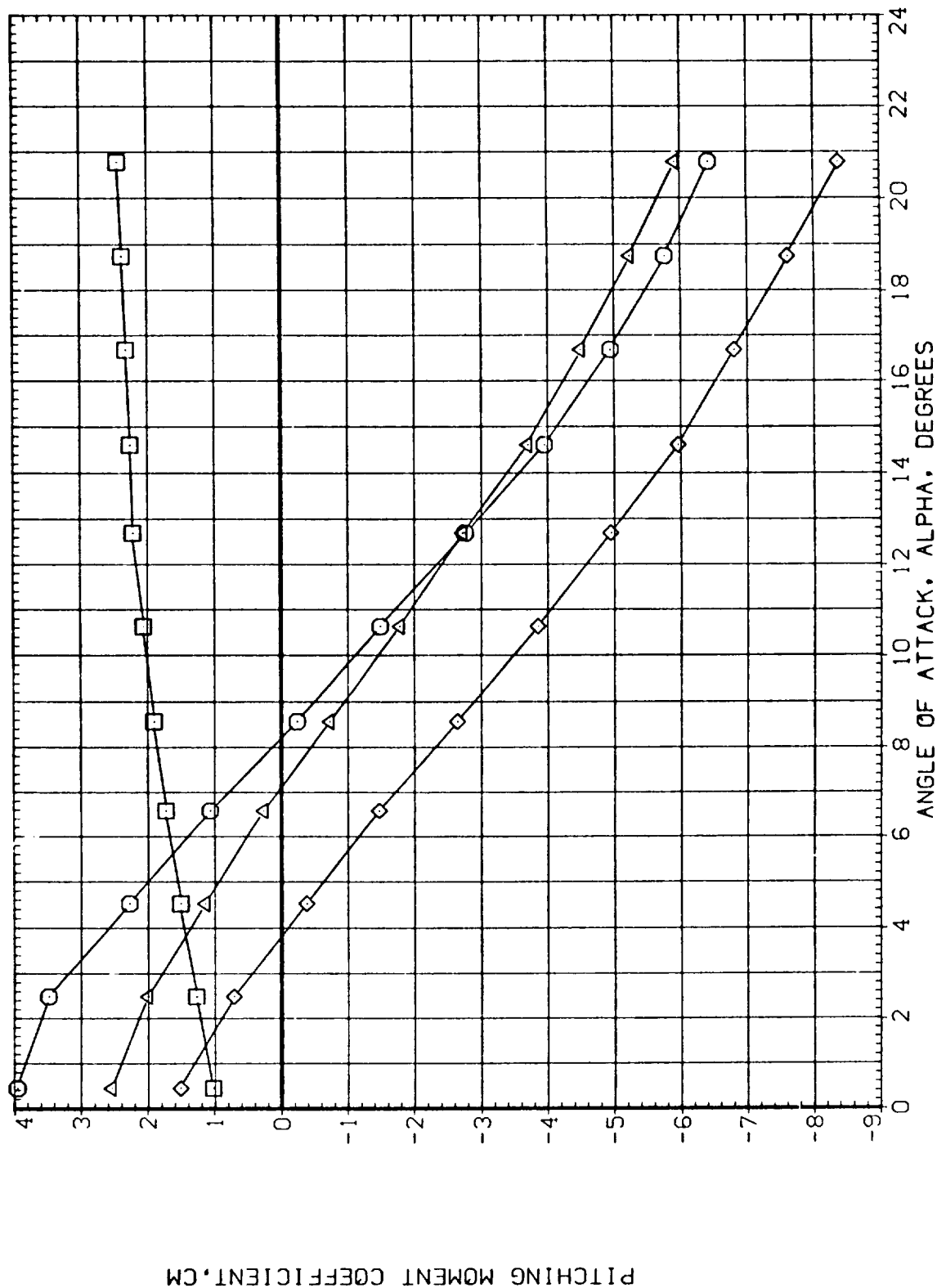


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

DATA	MACH	PARAMETRIC VALUES	
CH	D1	1.752	BETA .000
CMC	D2	.000	D3 .000
CMT	D1-3	10.000	D4 10.000
CM8	PHI-C	.000	D2-4 10.000
		.000	PHI-T .000

SYMBOL  
○ □ ◇ △

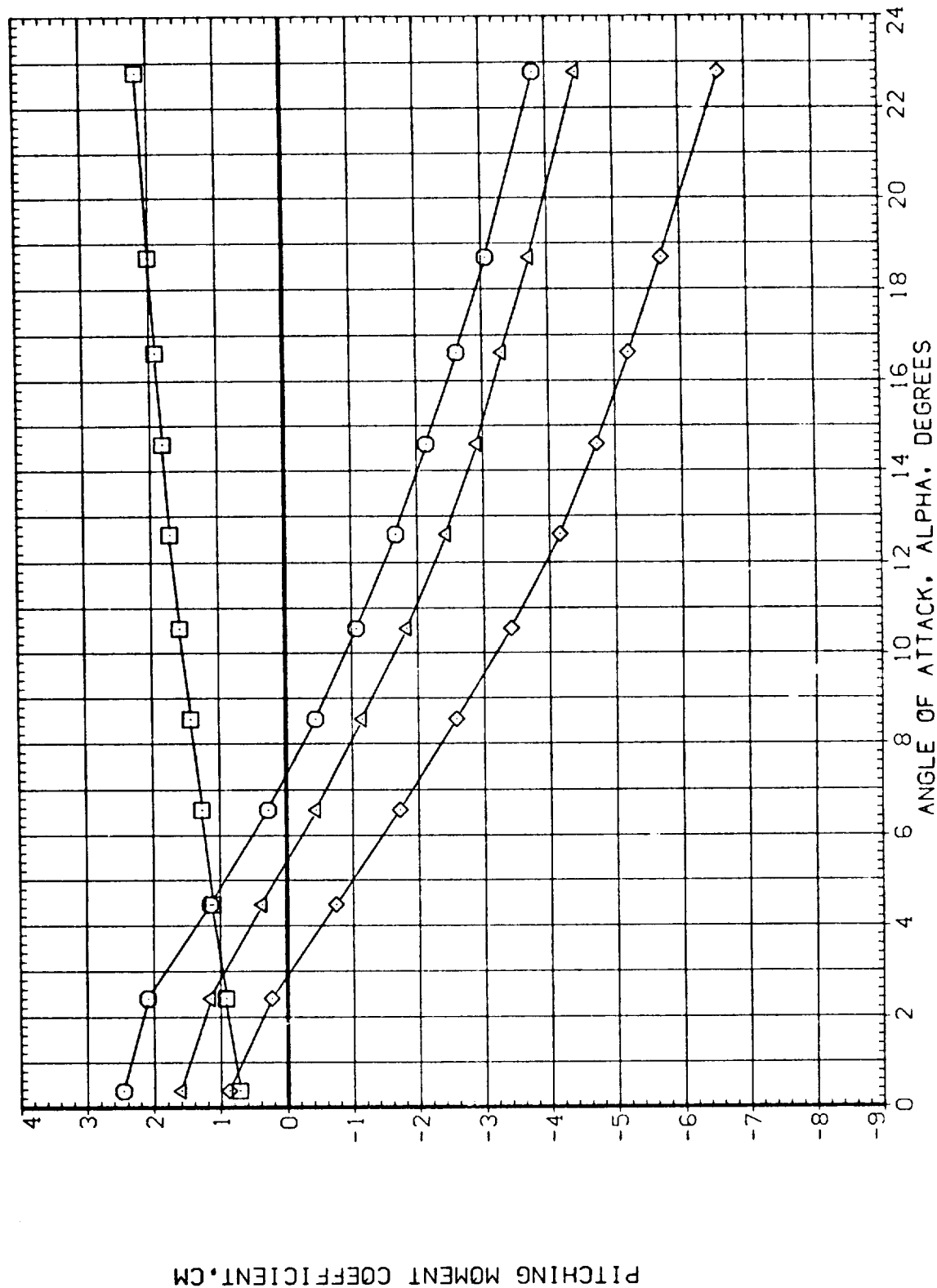


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(0EZ124)

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
O	CA		.797	BETA	.000	
		D1	.000	D3	.000	
		D2	10.000	D4	10.000	
		D1-3	.000	D2-4	10.000	
		PHI-C	.000	PHI-T	.000	

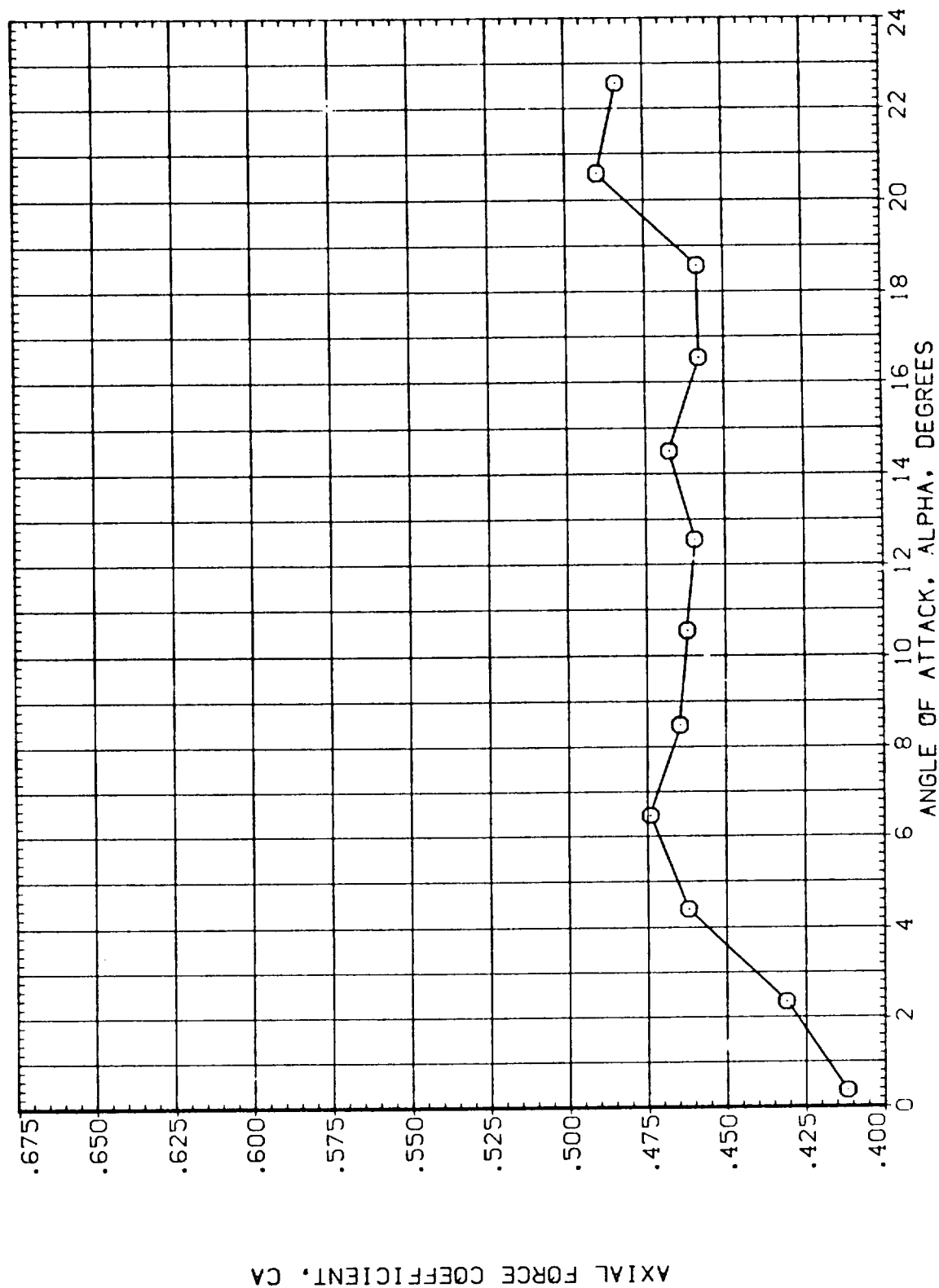


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	1.305	BETA	.000	
O	CA	D1	.000	D3	.000	
		D2	10.000	D4	10.000	
		D1-3	.000	D2-4	10.000	
		PHI-C	.000	PHI-T	.000	

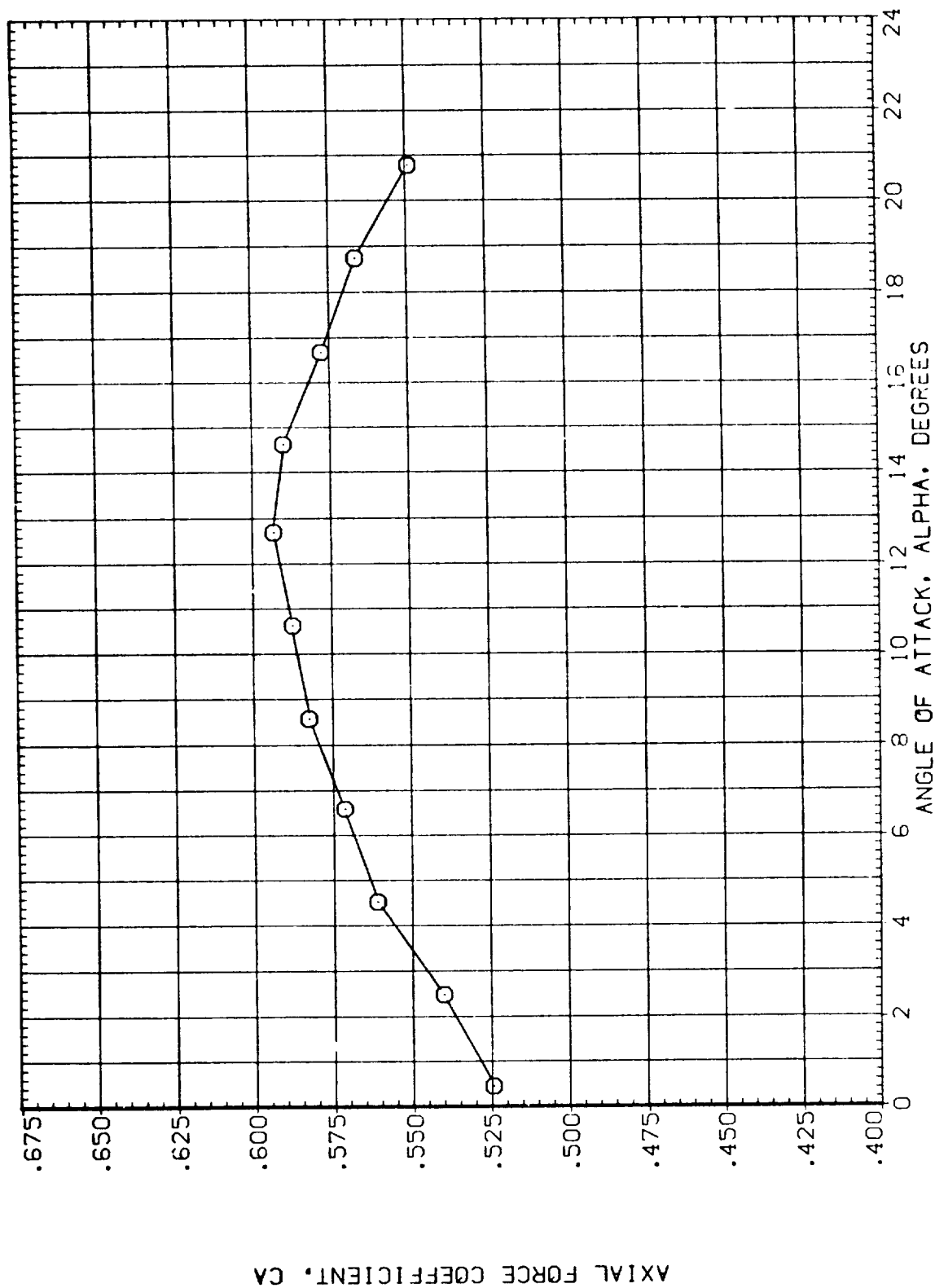


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (BN3C6T2)

(0EZ124)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
○	CA	D1	1.752	BETA .000
		D2	.000	D3 .000
		D3	10.000	D4 10.000
		D4	.000	D2-4 10.000
		PHI-C	.000	PHI-T .000

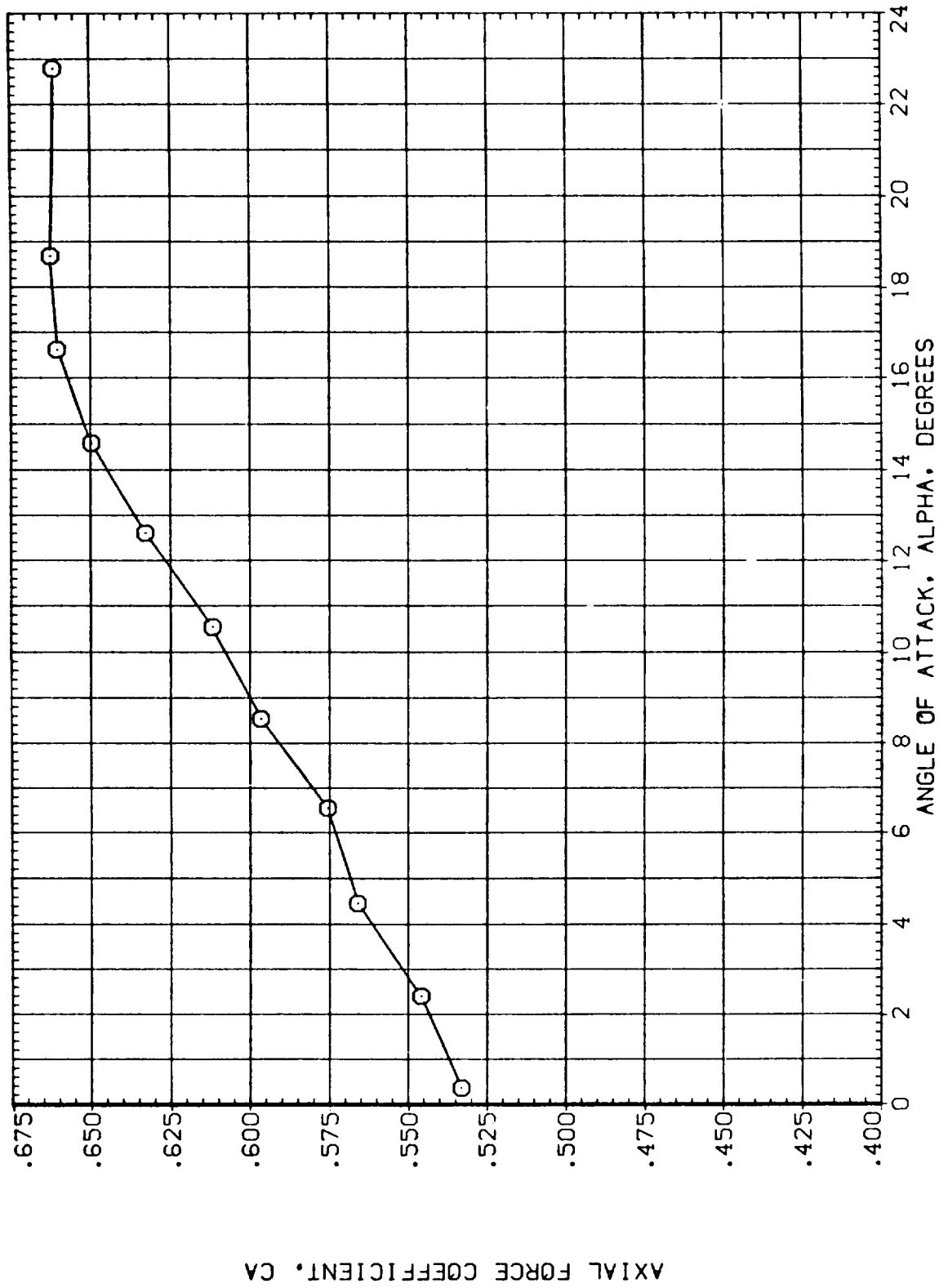


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

DATA	MACH	PARAMETRIC VALUES	
CY	D1	.797	BETA
CYC	D2	.000	D3
CYT	D1-3	10.000	D4
CYB	PHI-C	.000	D2-4
		.000	PHI-T

SYMBOL  
□  
◇  
△

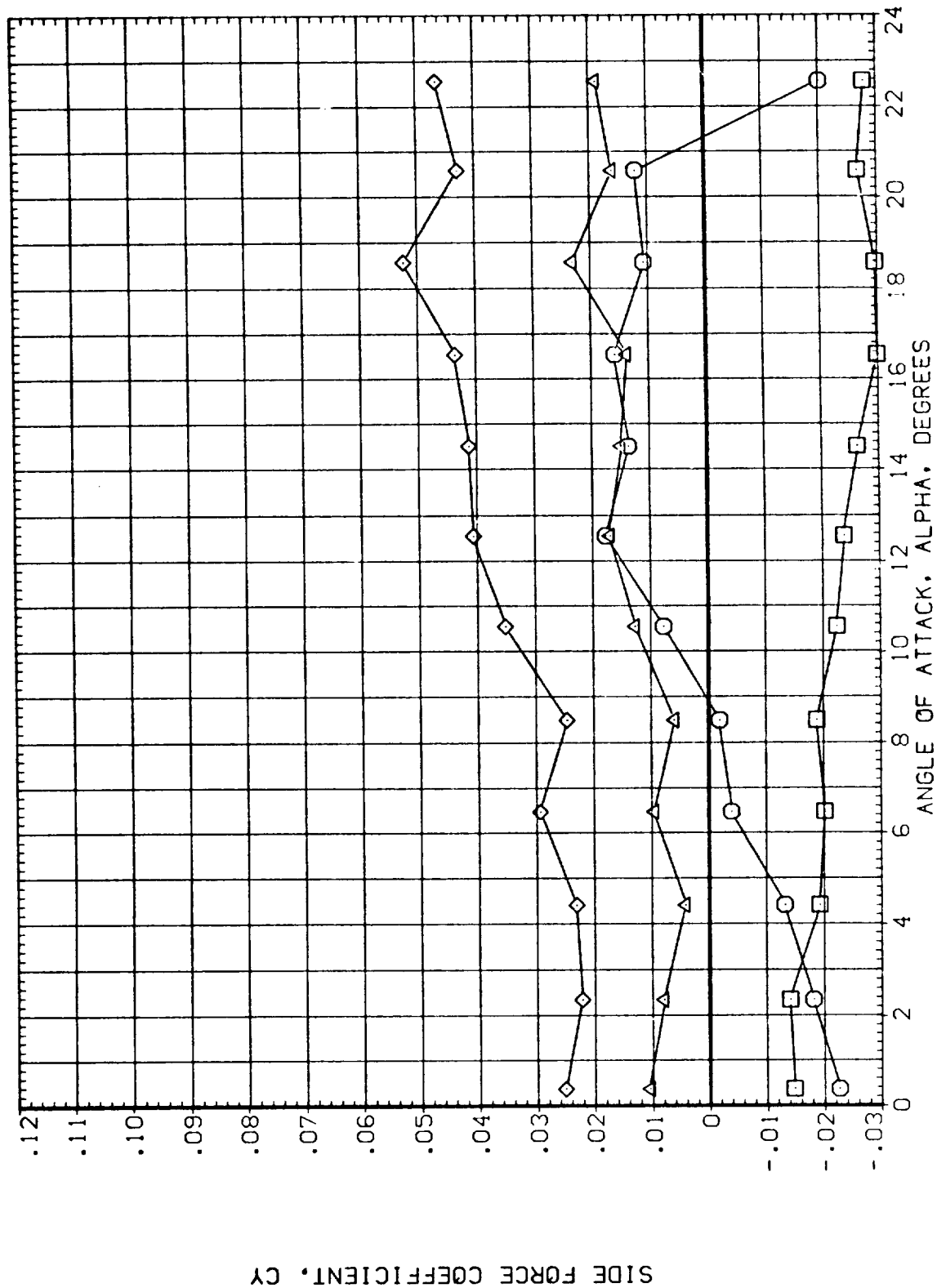


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (BN3CE-2)

(MEZ124)

SYMBOL  
 ○  
 □  
 ◇  
 △

DATA  
 CY  
 CYC  
 CYT  
 CYB

PARAMETRIC VALUES  
 MACH 1.305  
 D1 .000  
 D2 10.000  
 D1-3 .000  
 PHI-C .000

BETA .000  
 D3 .000  
 D4 10.000  
 D2-4 10.000  
 PHI-T .000

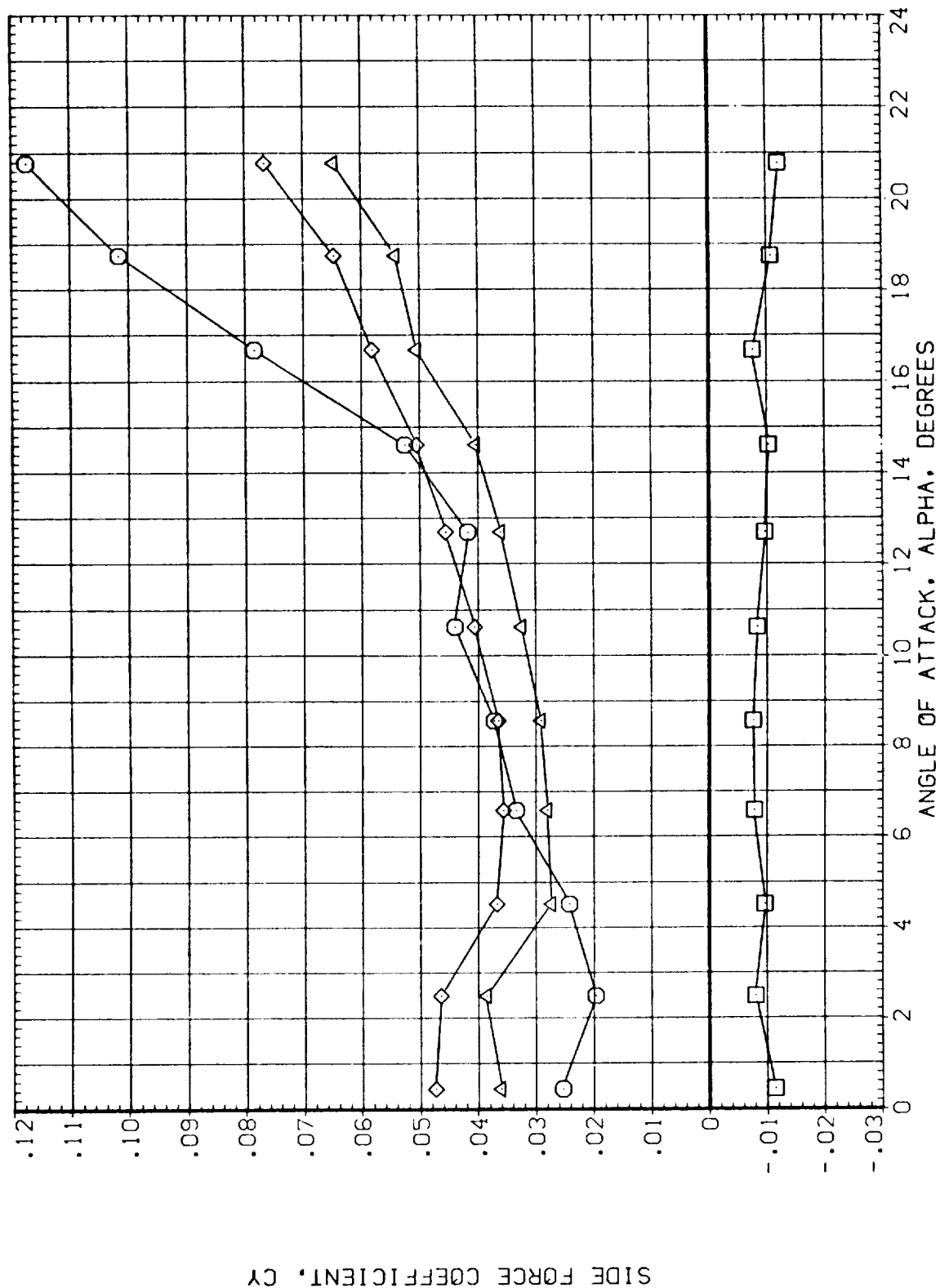


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

DATA	PARAMETRIC VALUES
SYMBOL	
CY	MACH 1.752 BETA .000
CYC	D1 .000 D3 .000
CYT	D2 10.000 D4 10.000
CYB	D1-3 .000 D2-4 10.000
	PHI-C .000 PHI-T .000

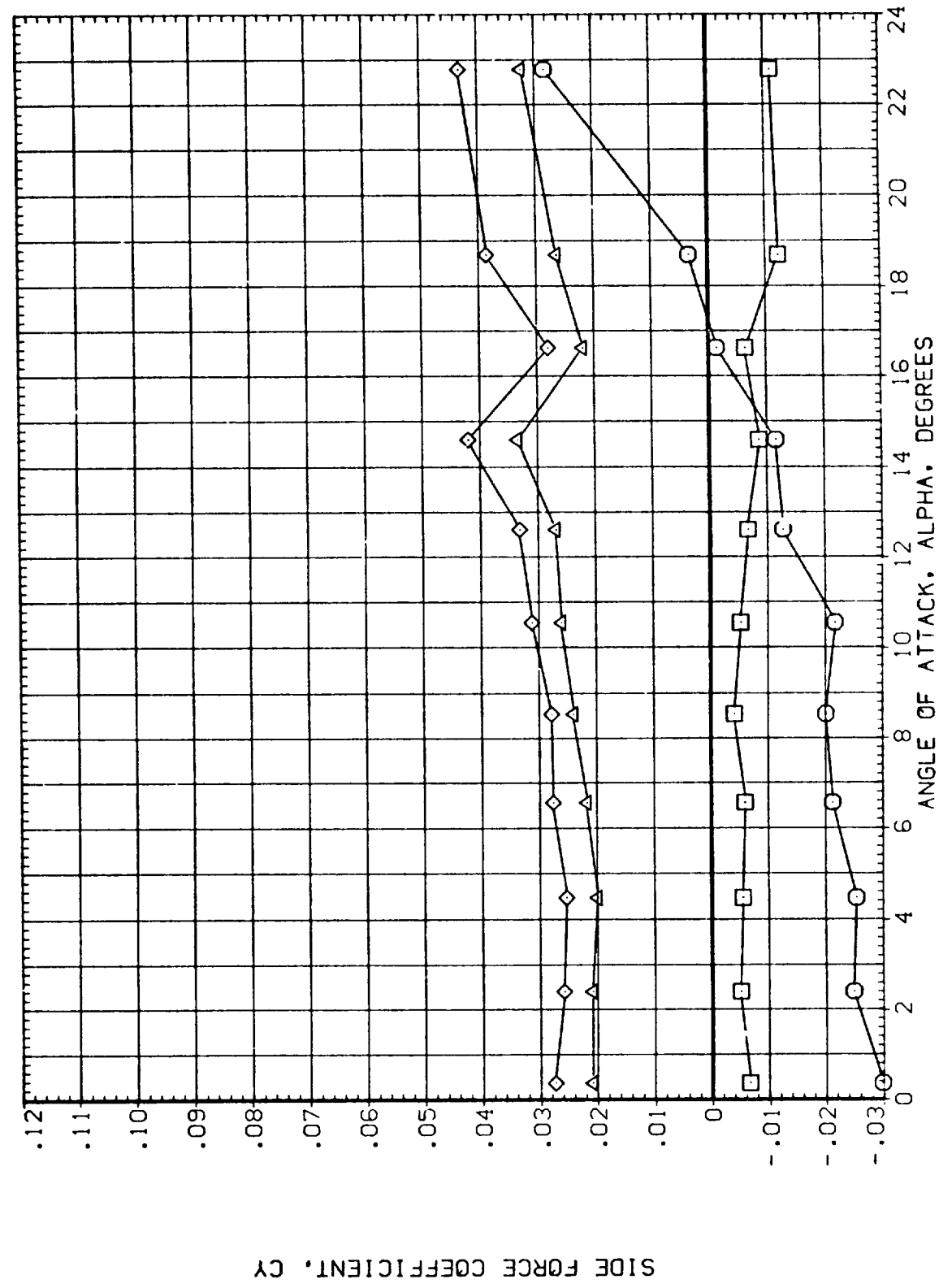


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 10 (BN3C6T2)

(MEZ124)

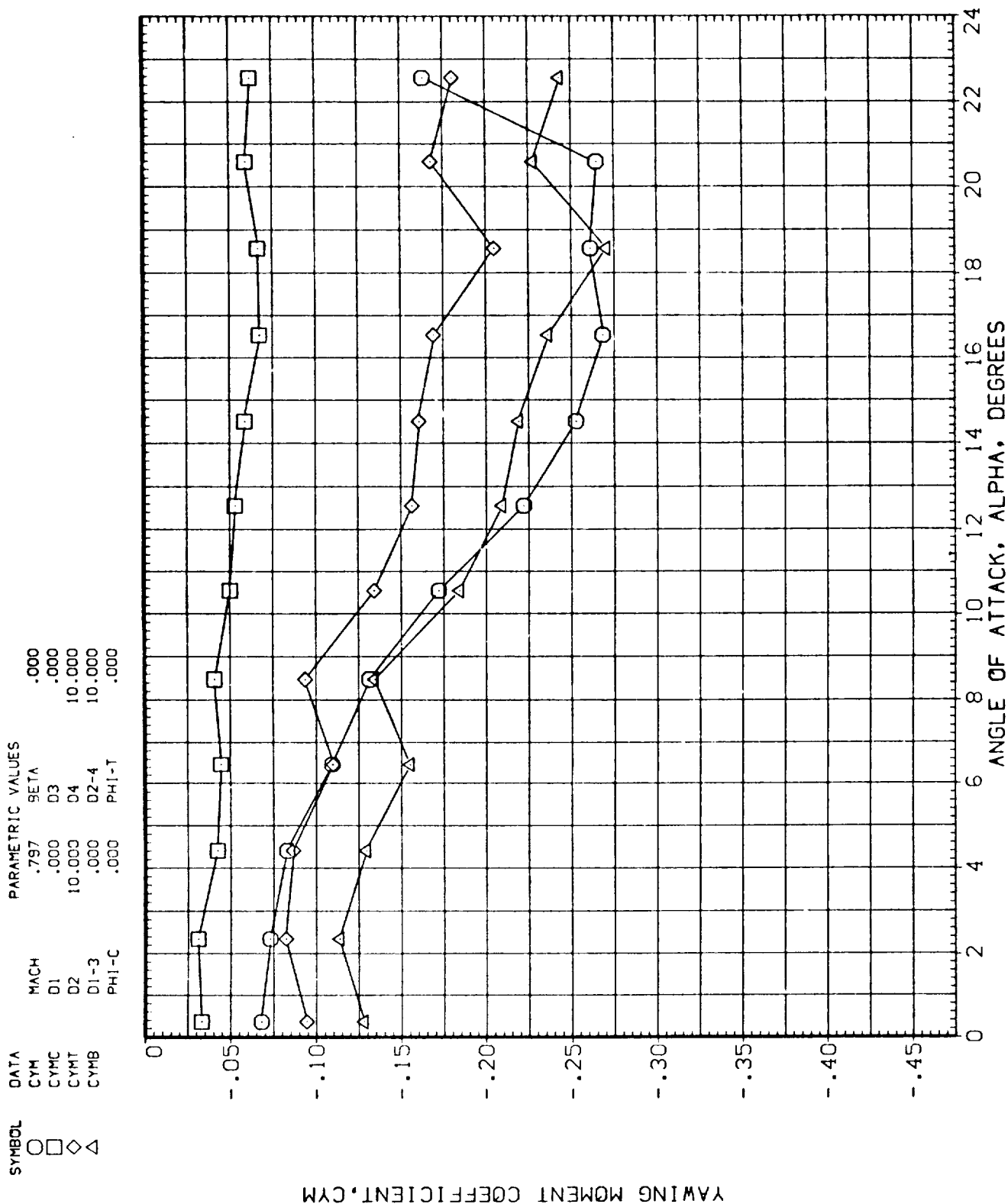


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES			
	CYM	MACH	1.305	BETA	.000	
○	CYMC	D1	.000	D3	.000	
□	CYMT	D2	10.000	D4	10.000	
◇	CYMB	D1-3	.000	D2-4	10.000	
△		PHI-C	.000	PHI-T	.000	

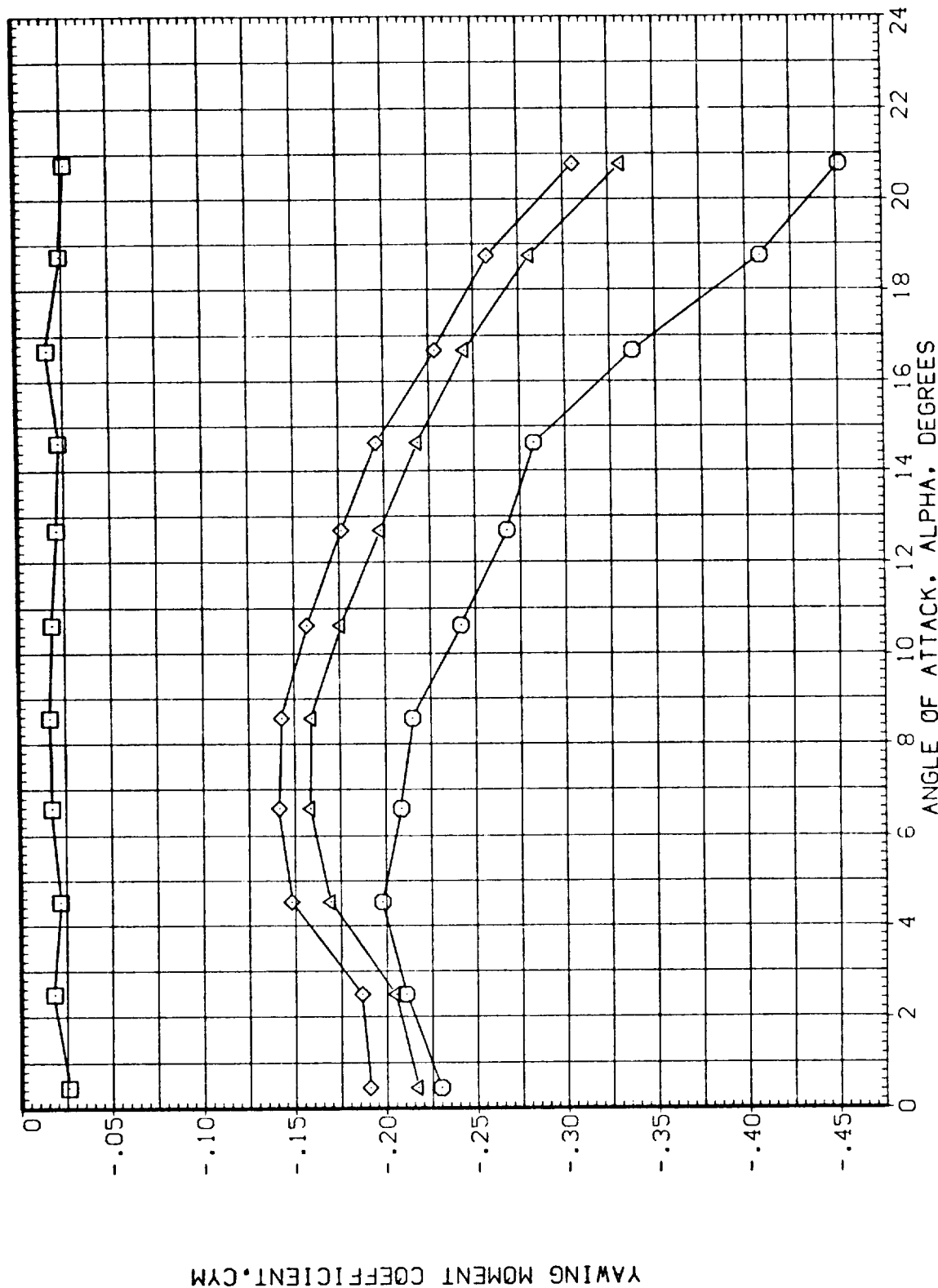


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (3N3C6T2)

(MEZ124)

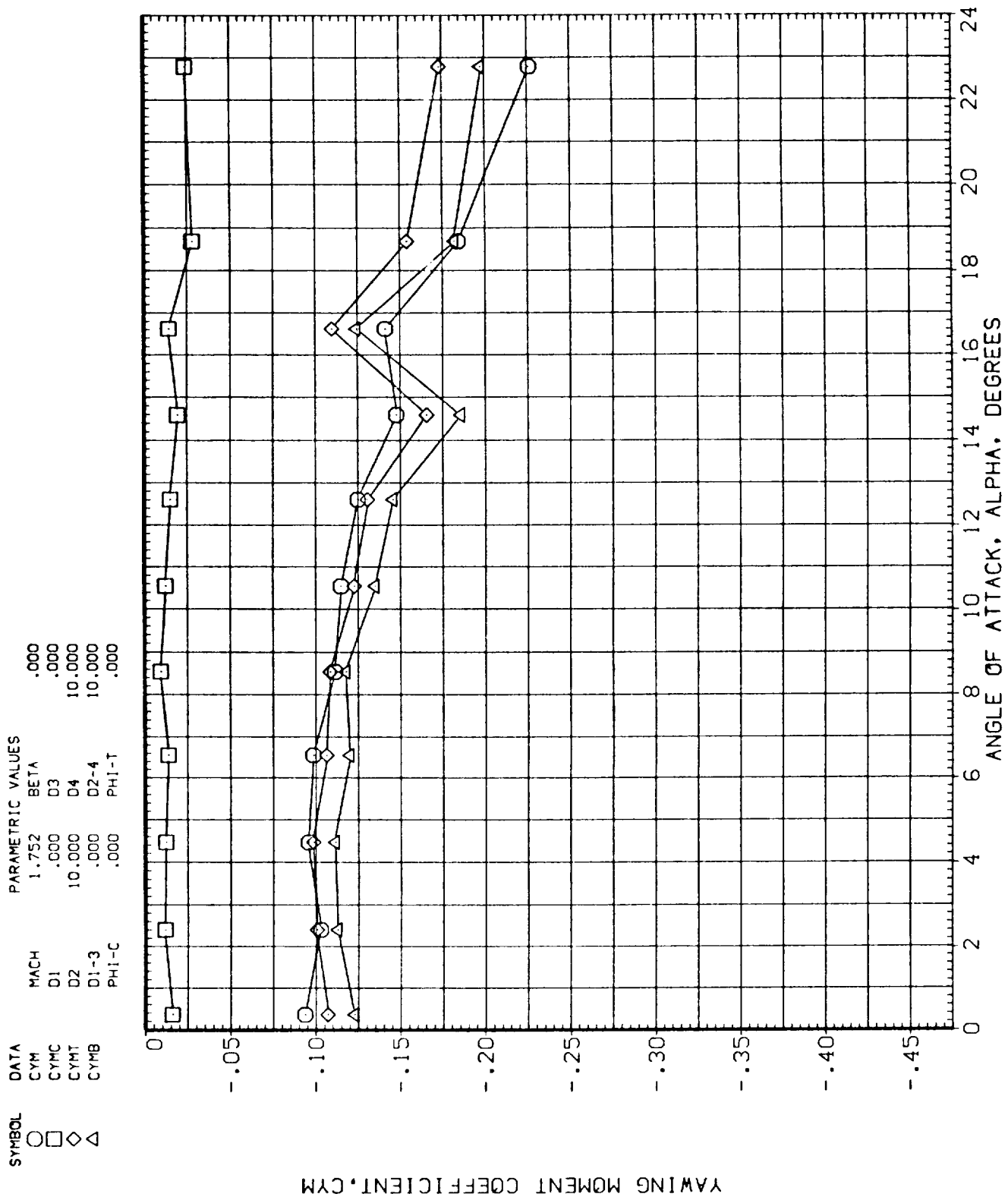


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

DATA	MACH	PARAMETRIC VALUES	
CRM		.797	BETA
CRM	D1	.000	D3
CRM	D2	10.000	D4
CRM	D1-3	.000	D2-4
CRM	PHI-C	.000	PHI-T

SYMBOL  
○ □ ◇ △

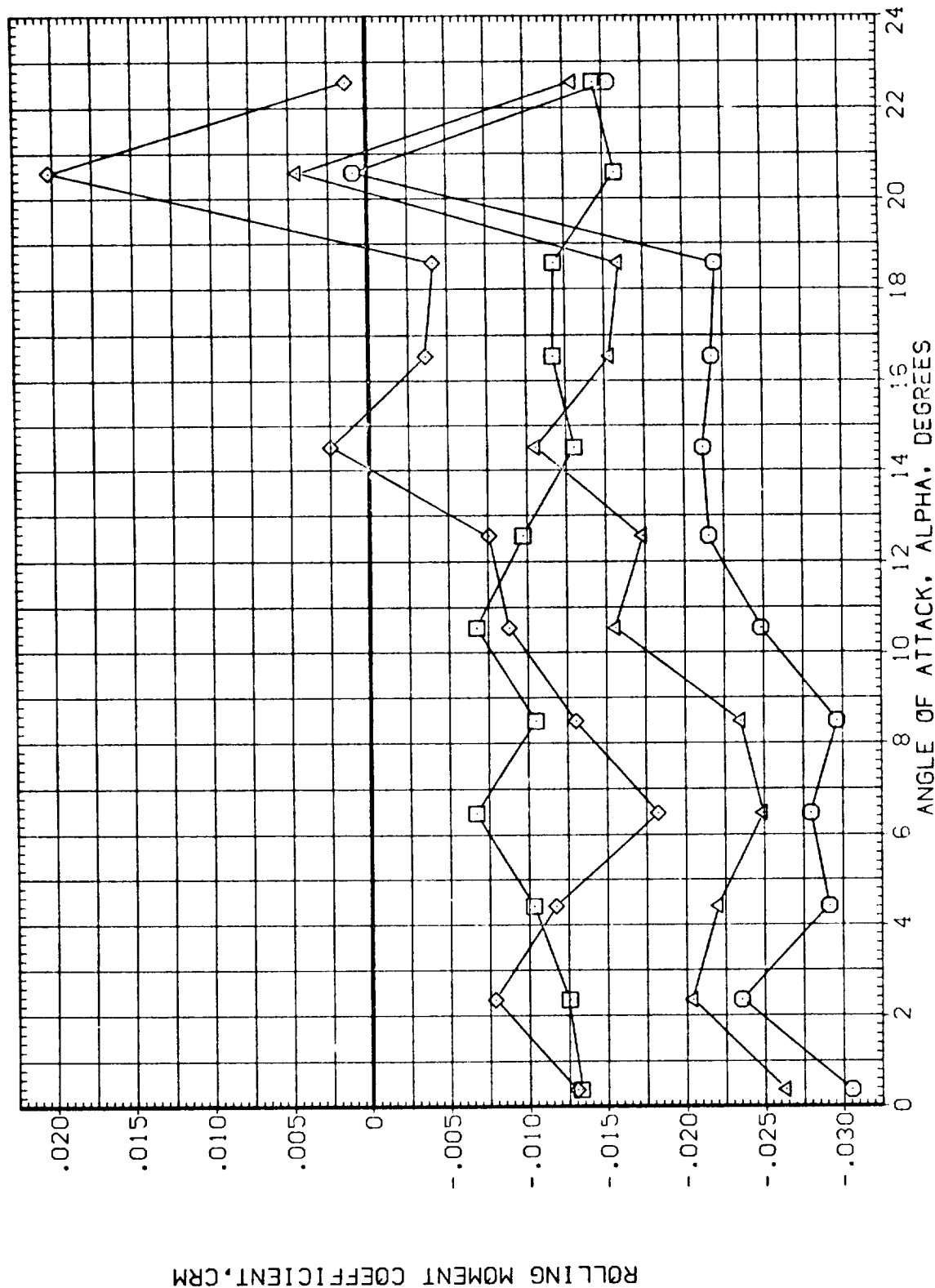


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ124)

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES			
	CRM	MACH	1.305	BETA	.000	
○	CRM	D1	.000	D3	.000	
□	CRM	L2	10.000	D4	10.000	
◇	CRM	D1-3	.000	D2-4	10.000	
△	CRM	PHI-C	.000	PHI-T	.000	

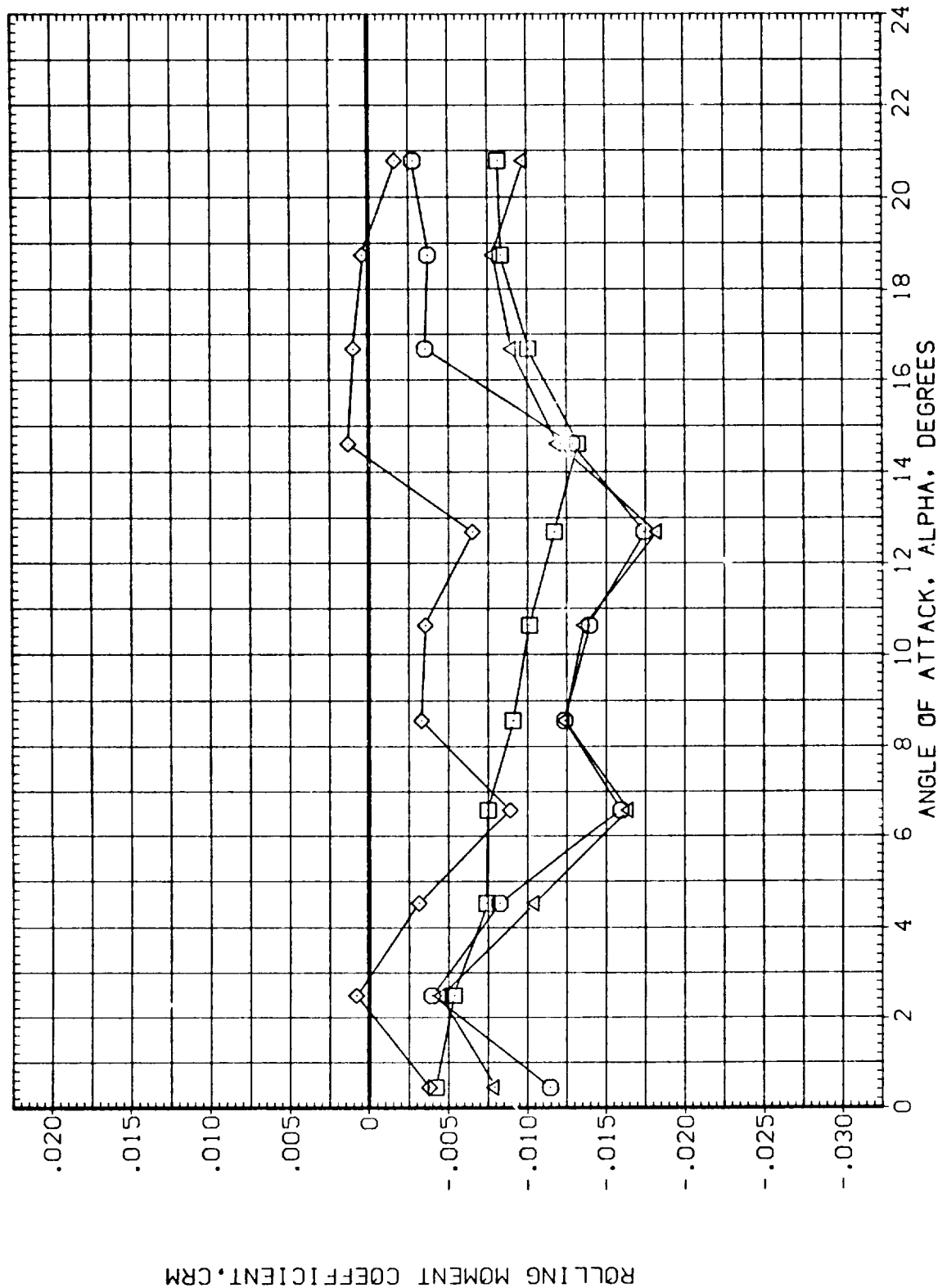


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

(NEZ124)

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	MACH	PARAMETRIC VALUES
	CRM	1.752	BETA .000
○	CRM C	D1 .000	D3 .000
□	CRM T	D2 10.000	D4 10.000
◇	CRM B	D1-3 .000	D2-4 10.000
△		PHI-C .000	PHI-T .000

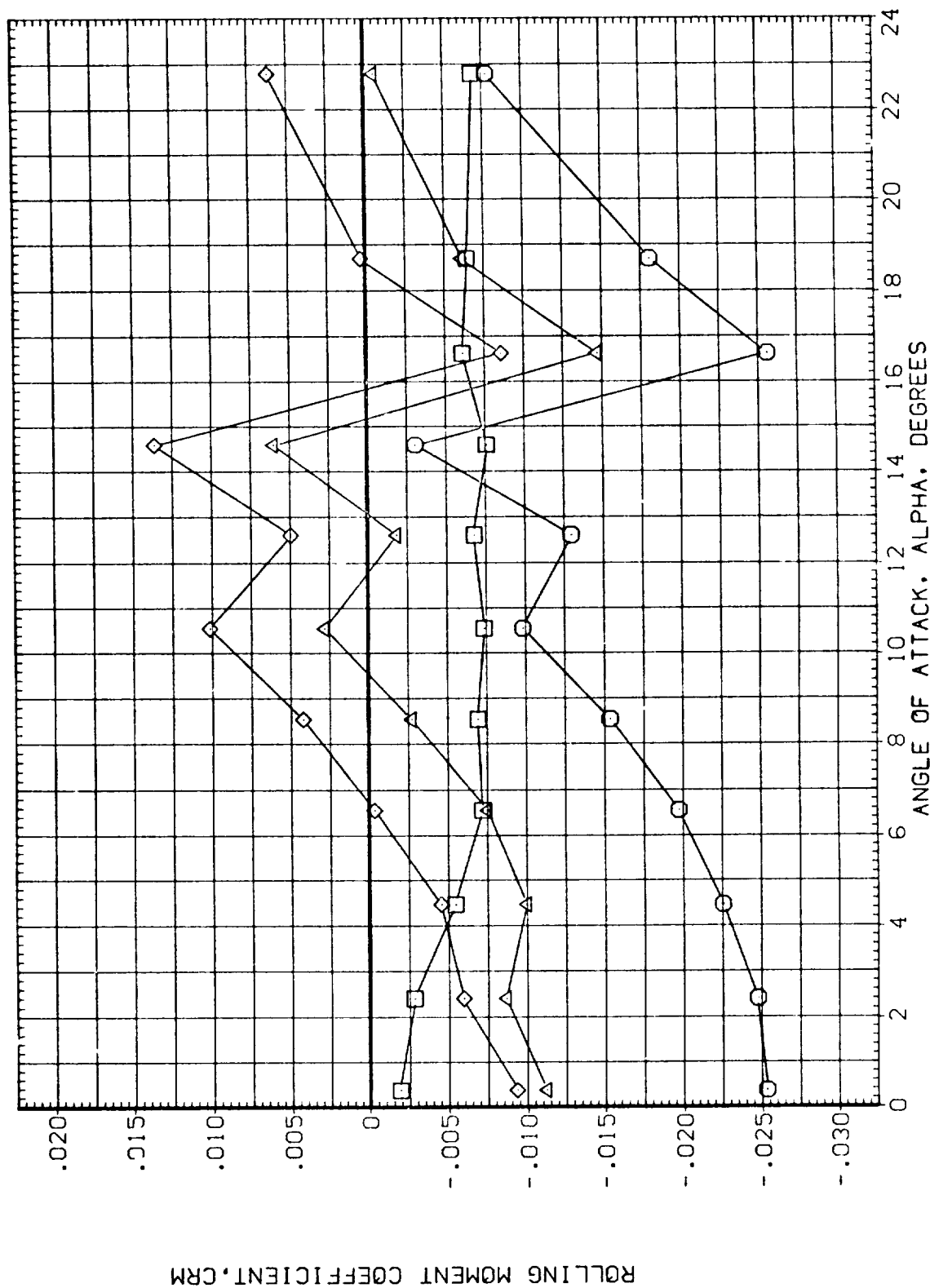


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (BN3C6T2)

(LEZ123)

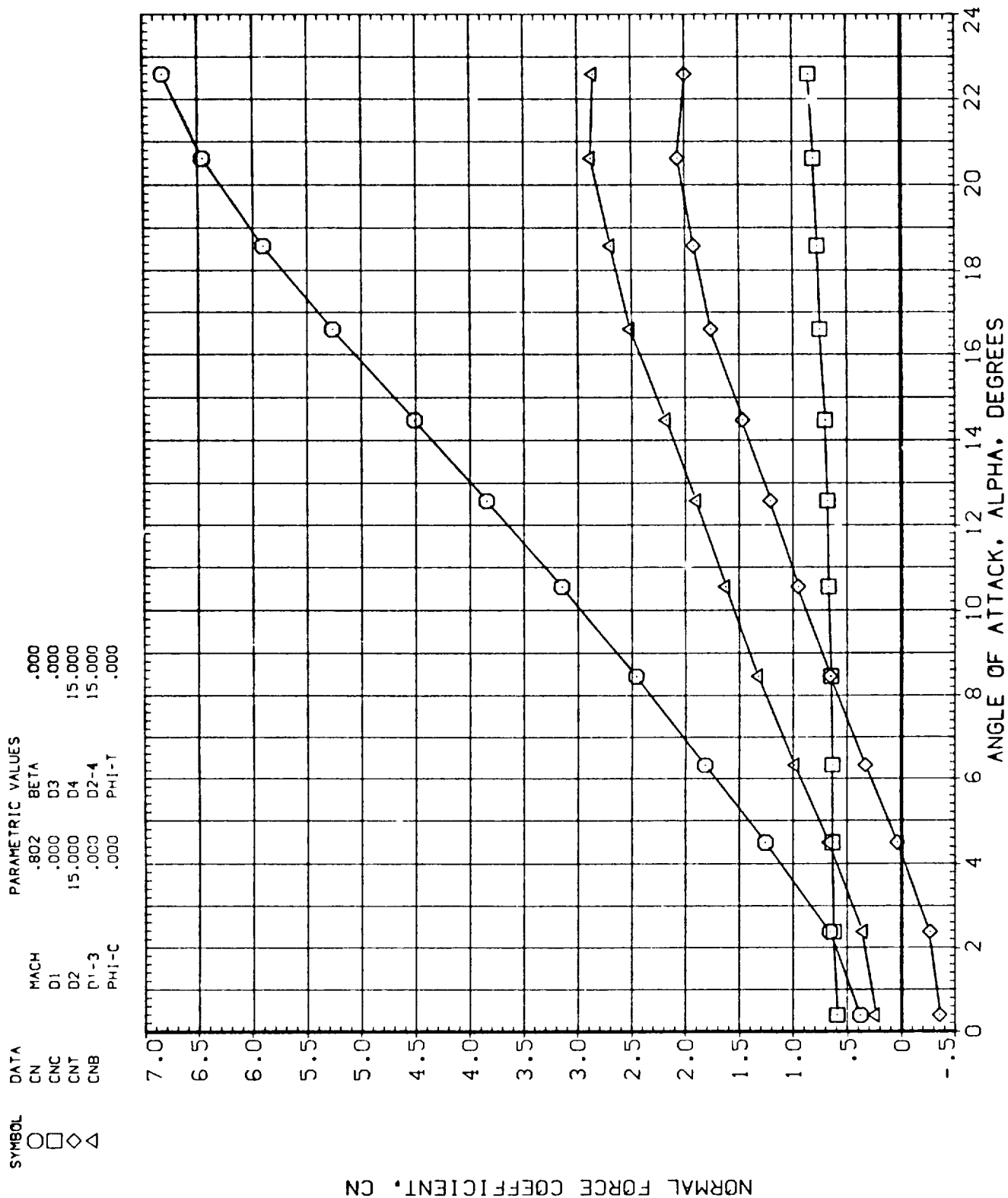


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

DATA		PARAMETRIC VALUES				
SYMBOL	CN	MACH	1.302	BETA	.000	
	CNC	D1	.000	D3	.000	
	CNT	D2	15.000	D4	15.000	
	CNB	D1-3	.000	D2-4	15.000	
		PHI-C	.000	PHI-T	.000	

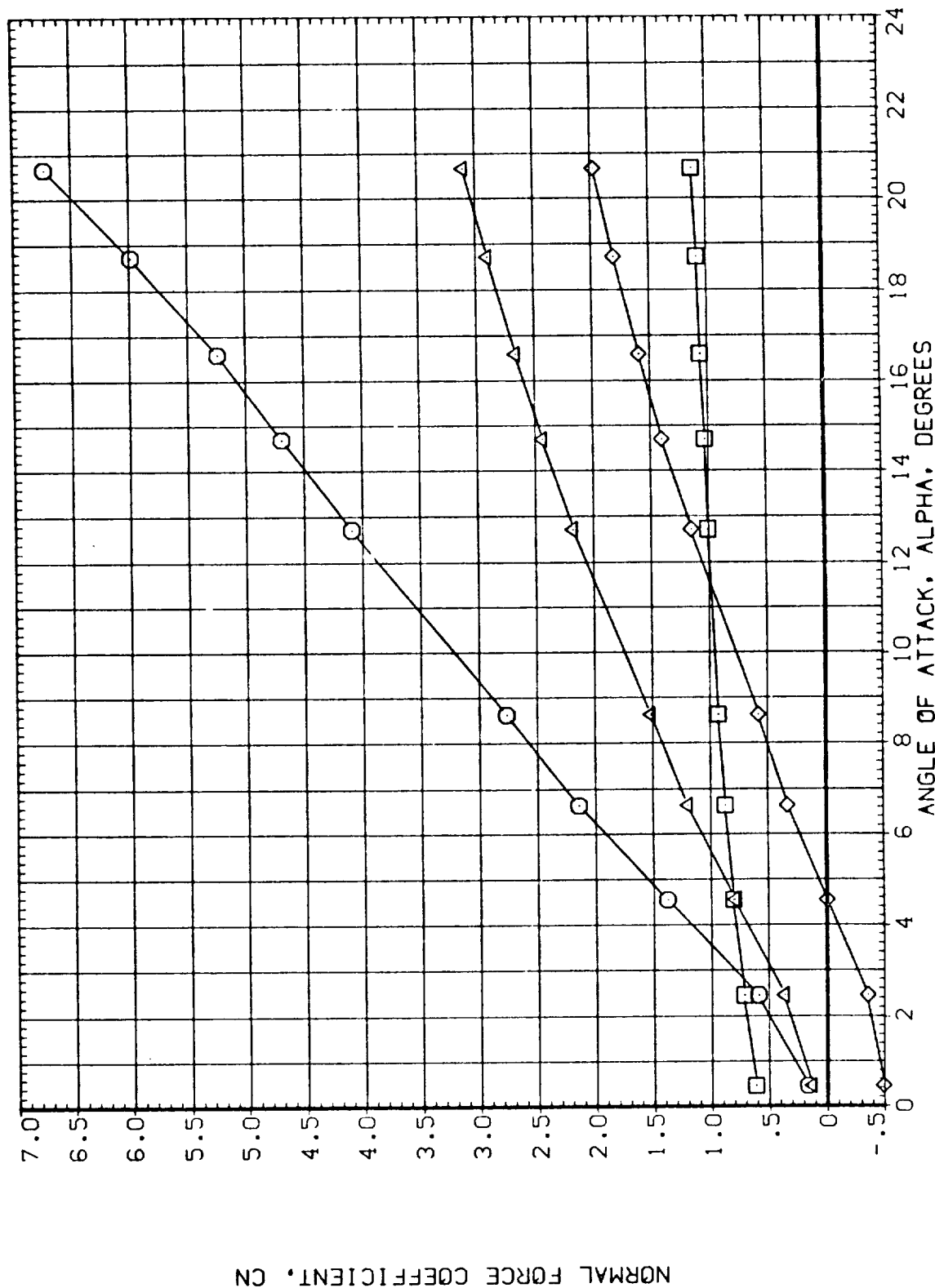


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 10 (BN3C6T2)

(LEZ123)

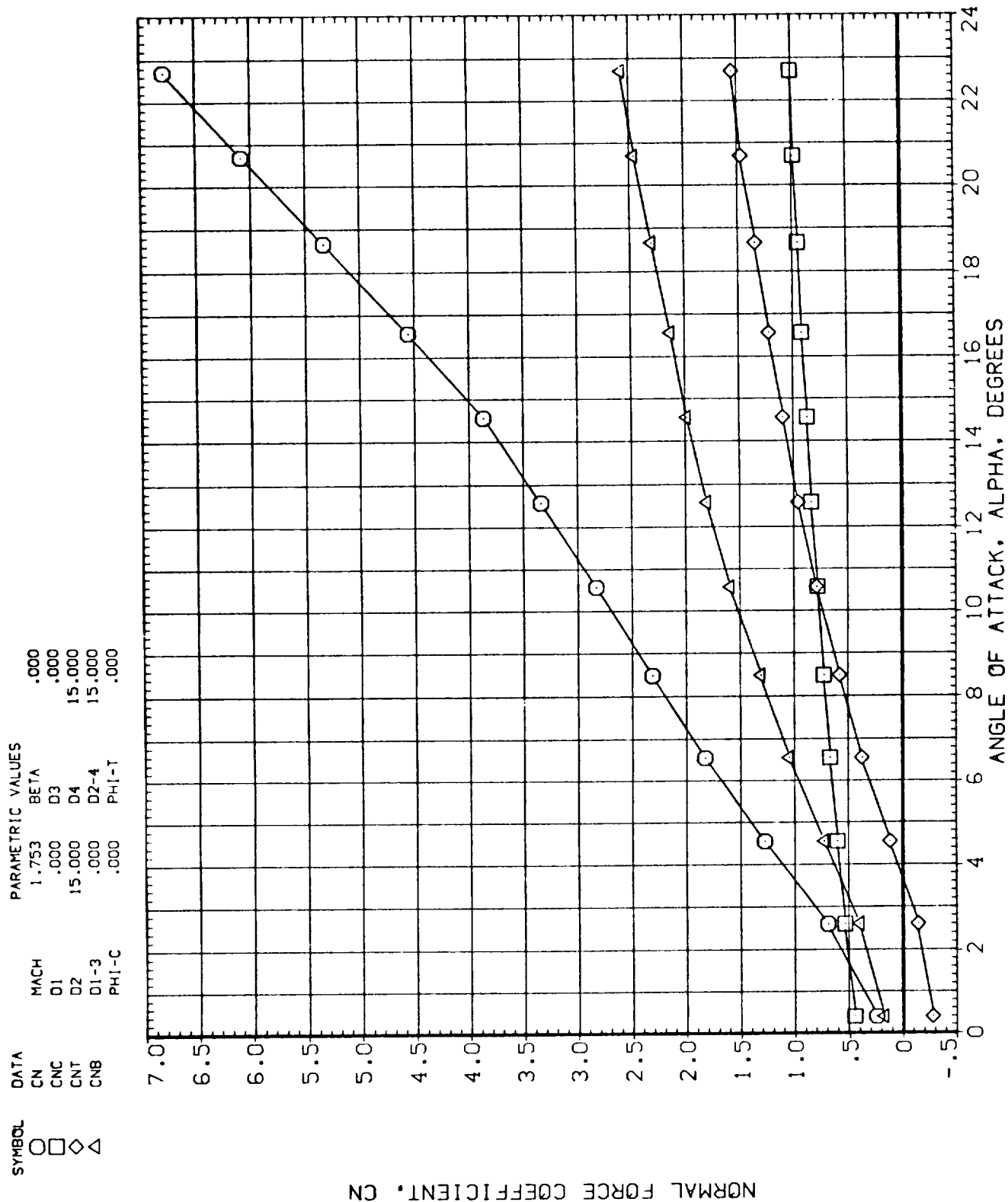


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

DATA	MACH	PARAMETRIC VALUES	
CM	.802	BETA	.000
CMC	D1	D3	.000
CMT	D2	D4	15.000
CMB	L1-3	D2-4	15.000
	PHI-C	PHI-T	.000

SYMBOL  
○  
□  
◇  
△

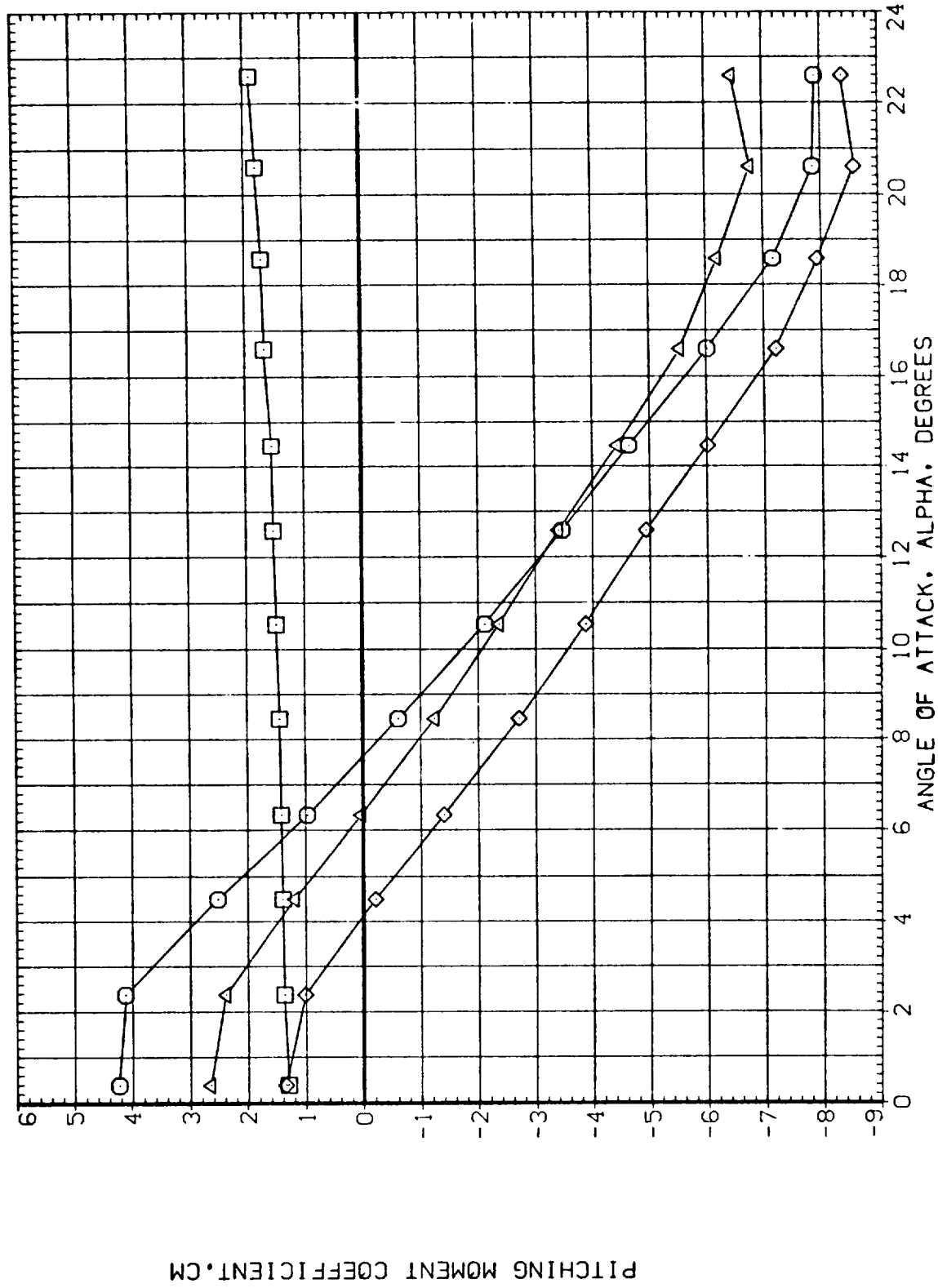


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

(LEZ123)

SYMBOL	DATA	PARAMETRIC VALUES
○	CM	MACH 1.302 BETA .000
□	CMC	D1 .000 D3 .000
◇	CMT	D2 15.000 D4 15.000
△	CMB	D1-3 .000 D2-4 15.000
		PHI-C .000 PHI-T .000

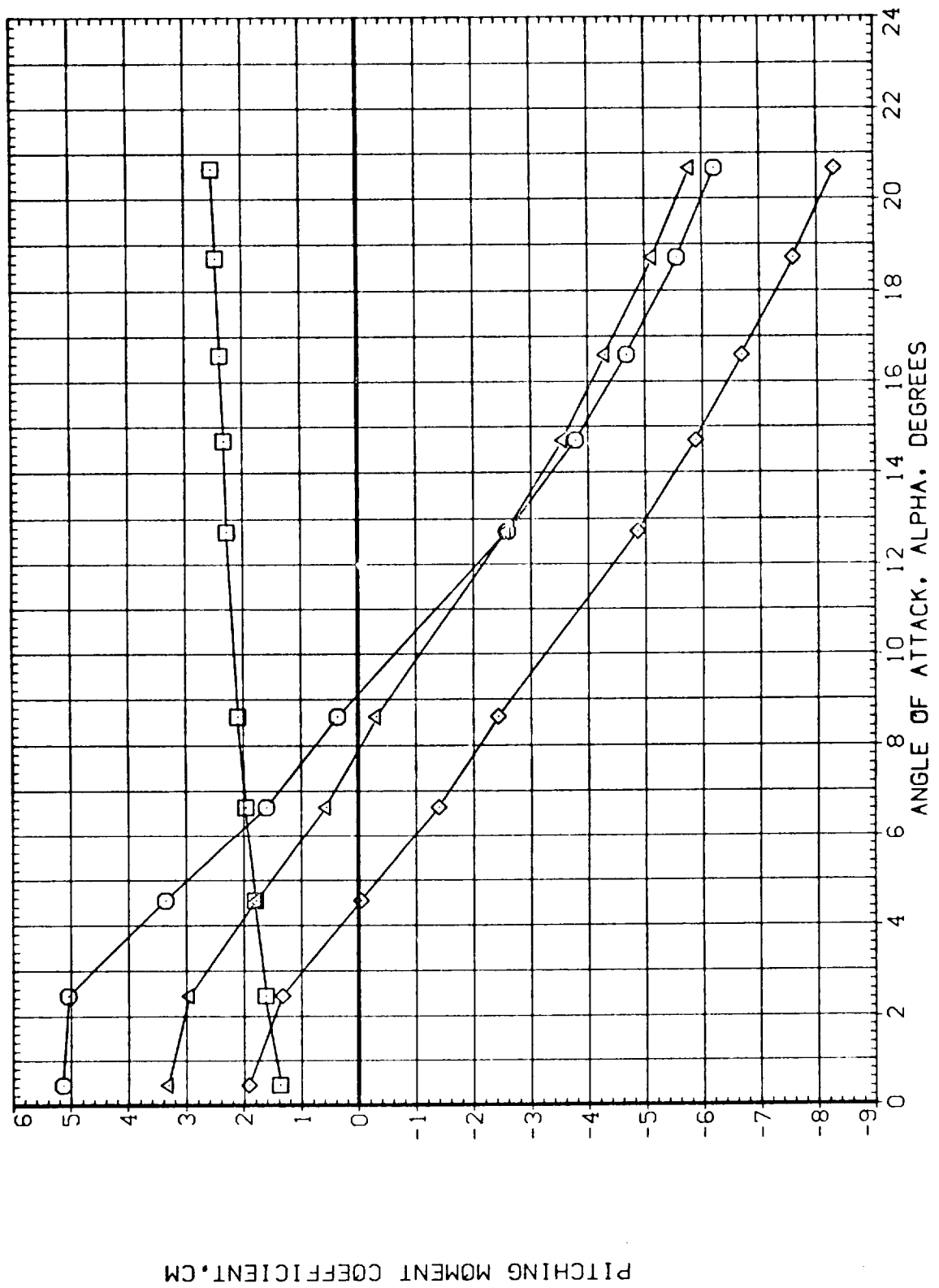


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES				
	CM	MACH	1.753	BETA	.000		
○	CMC	D1	.000	D3	.000		
□	CMT	D2	15.000	D4	15.000		
◇	CMH	D1-3	.000	D2-4	15.000		
△		PHI-C	.000	PHI-T	.000		

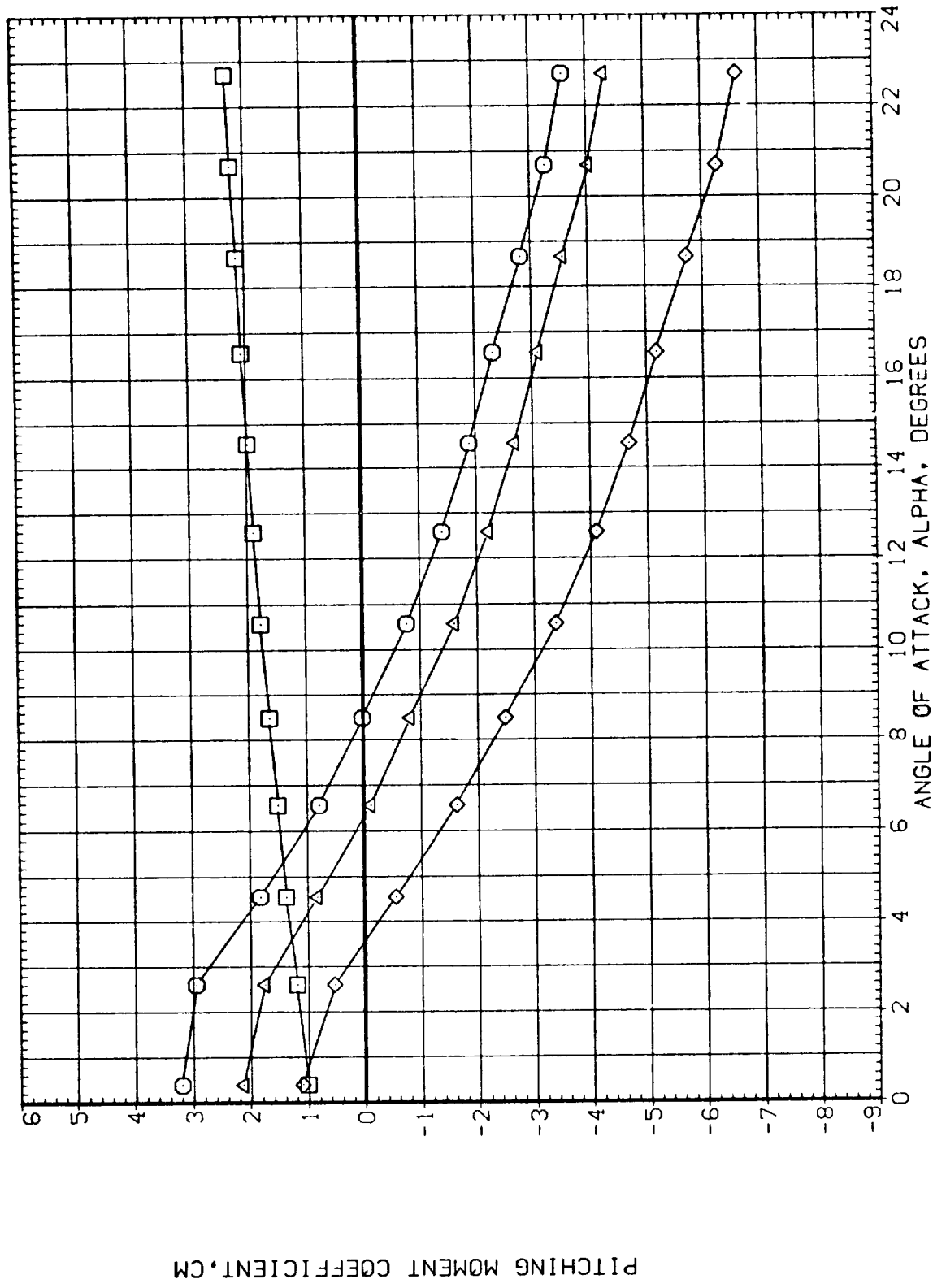


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

(0EZ123)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
○	CA		.802	BETA	.000	
		D1	.000	D3	.000	
		.J2	15.000	D4	15.000	
		D1-3	.000	D2-4	15.000	
		PHI-C	.000	PHI-T	.000	

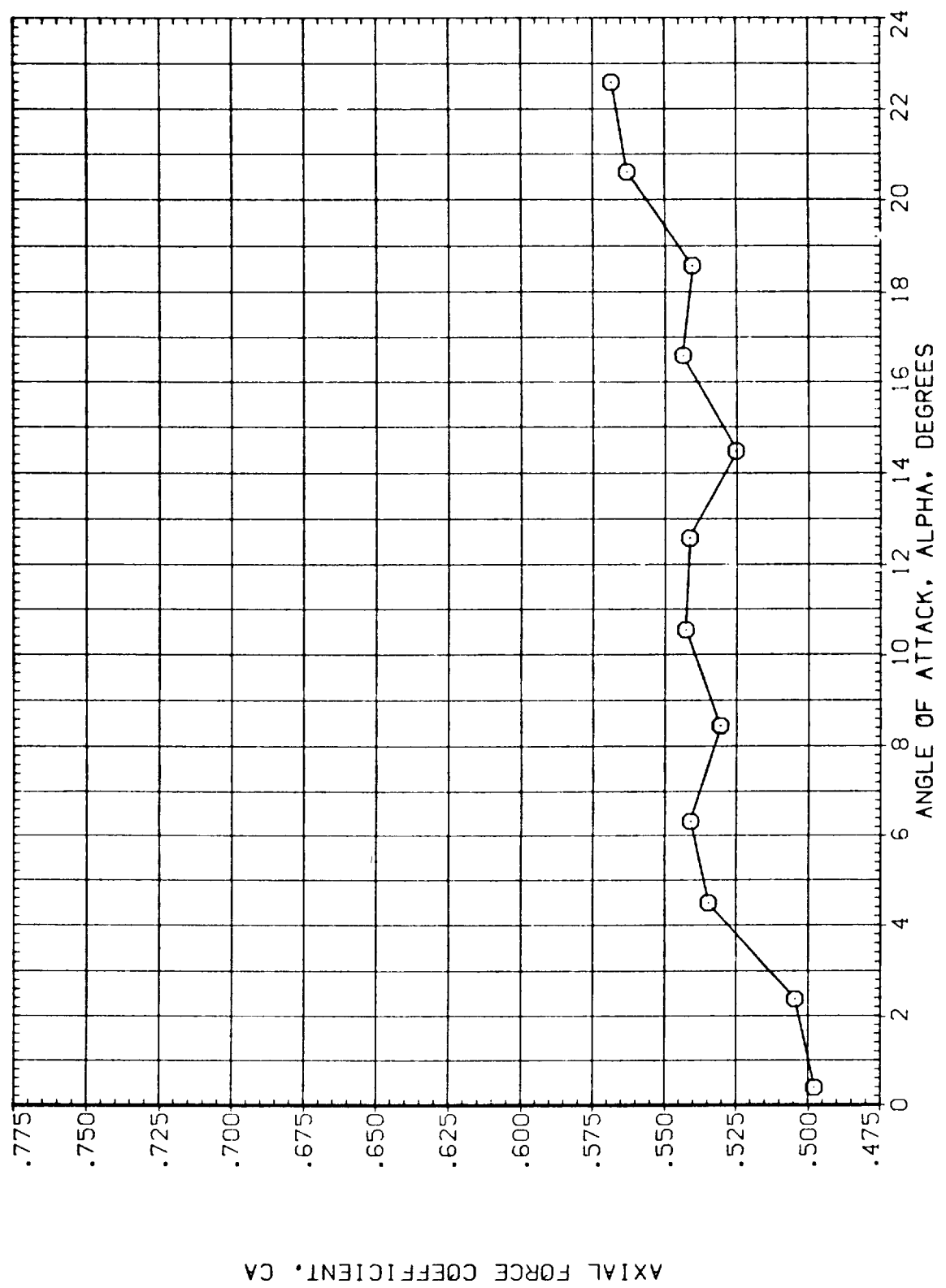


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	PARAMETRIC VALUES				
		MACH	BETA	D1	D2	PHI-T
O	CA	1.302	.000	.000	.000	.000
		D1	.000	D3	.000	.000
		D2	15.000	D4	15.000	.000
		D1-3	.000	D2-4	15.000	.000
		PHI-C	.000	PHI-T	.000	.000

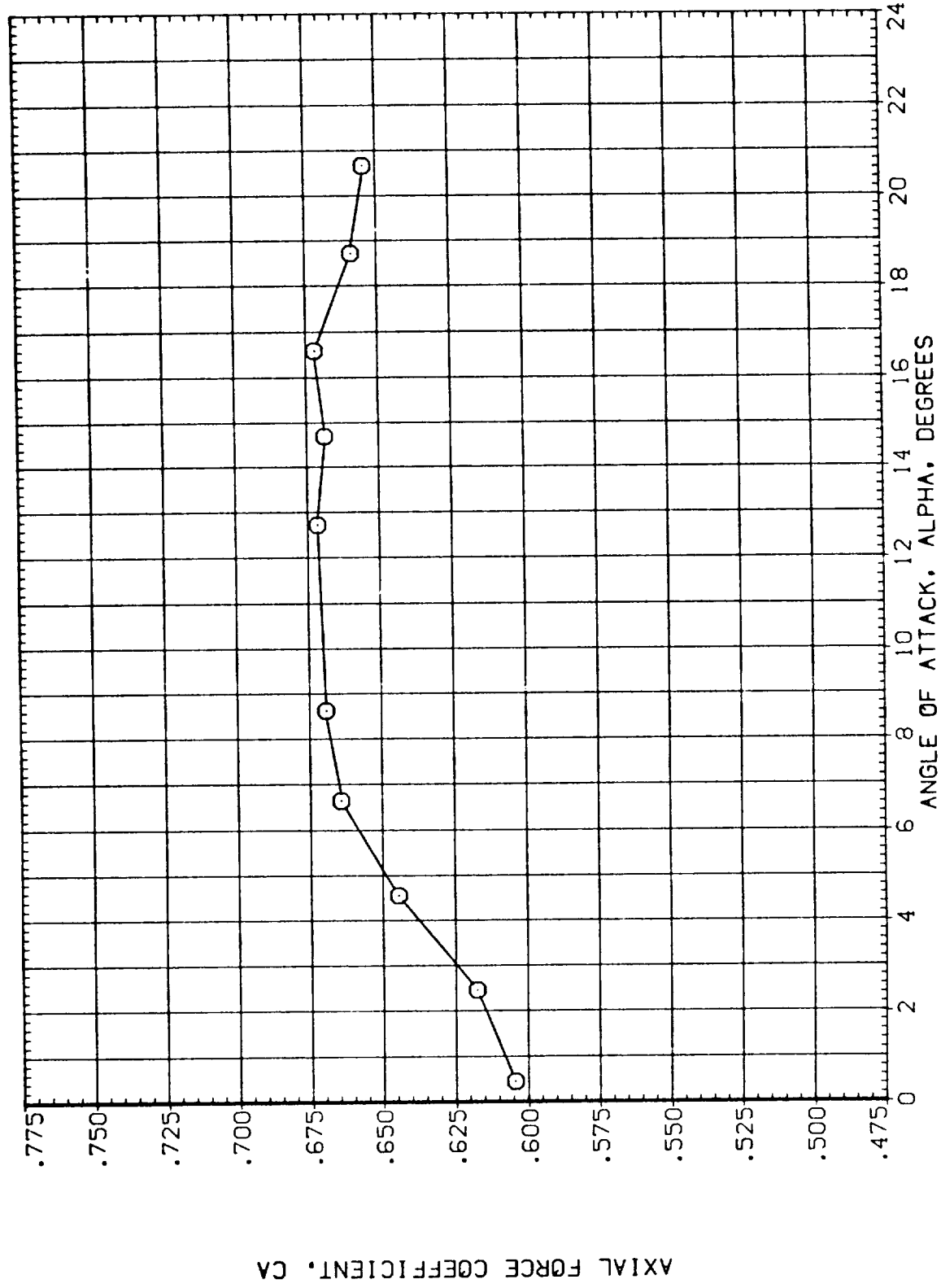


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

(0EZ123)

SYMBOL	DATA	MACH	PARAMETRIC VALUES	
	CA		1.253 BETA	.000
		D1	.000 D3	.000
		D2	15.000 D4	15.000
		D1-3	.000 D2-4	15.000
		PHI-C	.000 PHI-T	.000

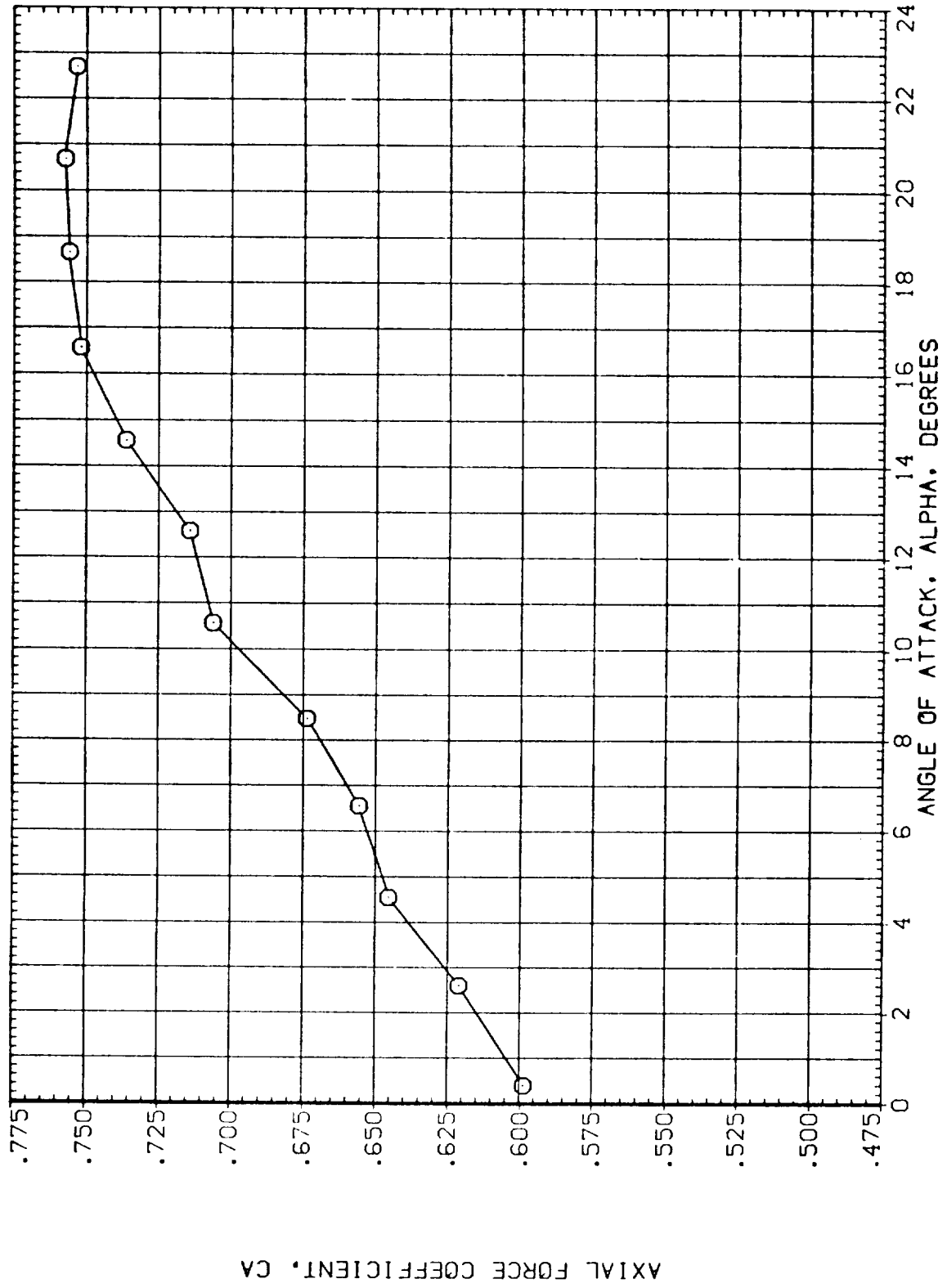


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

SYMBOL	DATA		PARAMETRIC VALUES			
	CY	MACH	.802	BETA	.000	
○	CYC	D1	.000	D3	.000	
□	CYT	D2	15.000	D4	15.000	
◇	CYB	D1-3	.000	D2-4	15.000	
△		PHI-C	.000	PHI-T	.000	

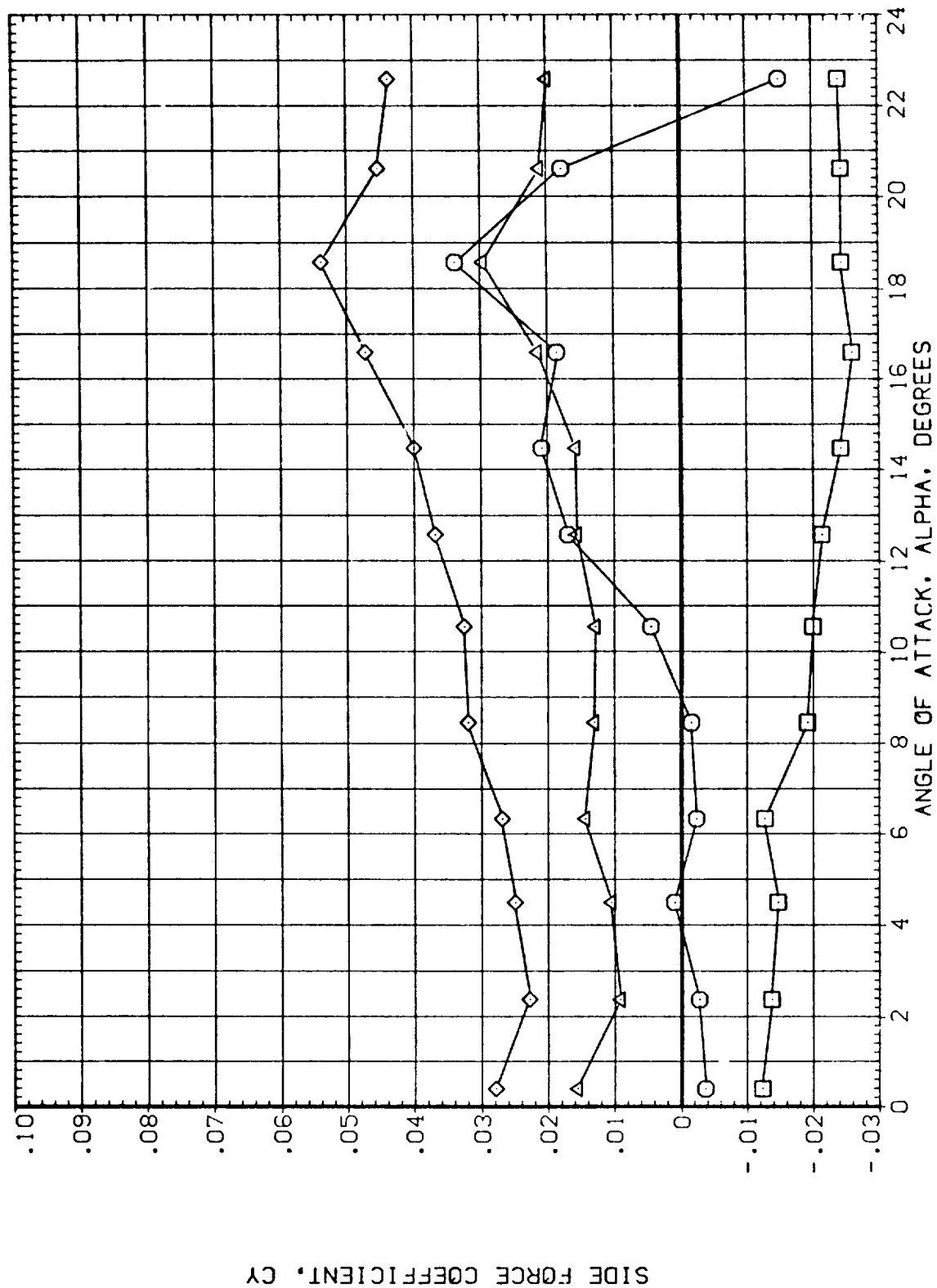


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS



# CONFIGURATION 10 (BN3C6T2)

(MEZ123)

DATA	MACH	PARAMETRIC VALUES	
CY	D1	1.302	BETA
CYC	D2	.000	D3
CYT	D1-3	15.000	D4
CYB	PHI-C	.000	D2-4
		.000	PHI-T
			.000

SYMBOL  
 ○  
 □  
 ◇  
 △

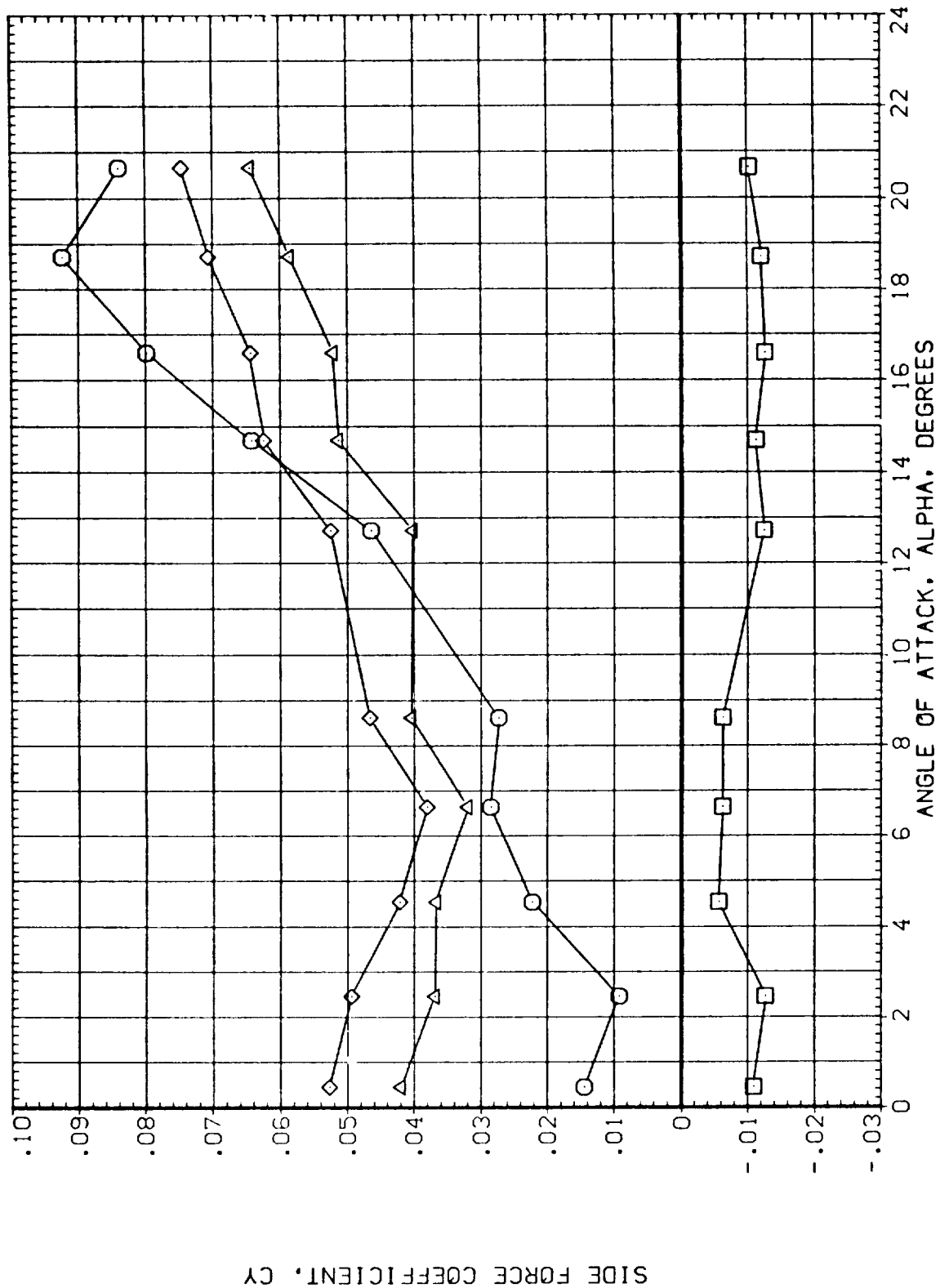


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES				
	CY	MACH	1.753	BETA	.000		
○	CYC	D1	.000	D3	.000		
□	CYT	D2	15.000	D4	15.000		
◇	CYB	D1-3	.000	D2-4	15.000		
△		PHI-C	.000	PHI-T	.000		

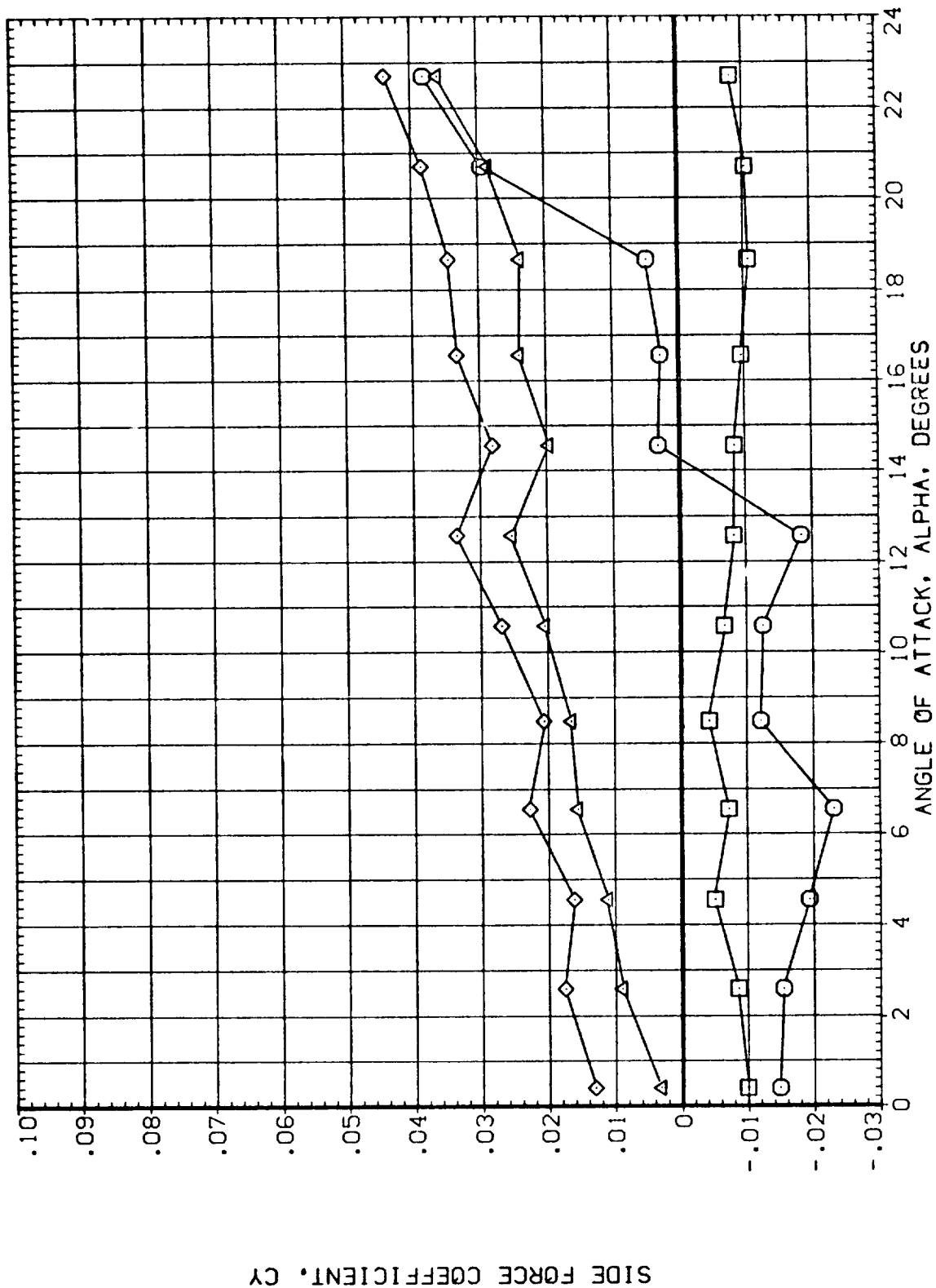


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

(MEZ123)

DATA	MACH	PARAMETRIC VALUES	
CYM		.802	BETA .000
CYMC	D1	.000	D3 .000
CYMT	D2	15.000	D4 15.000
CYMB	D1-3	.000	D2-4 15.000
	PHI-C	.000	PHI-T .000

SYMBOL  
 ○  
 □  
 ◇  
 △

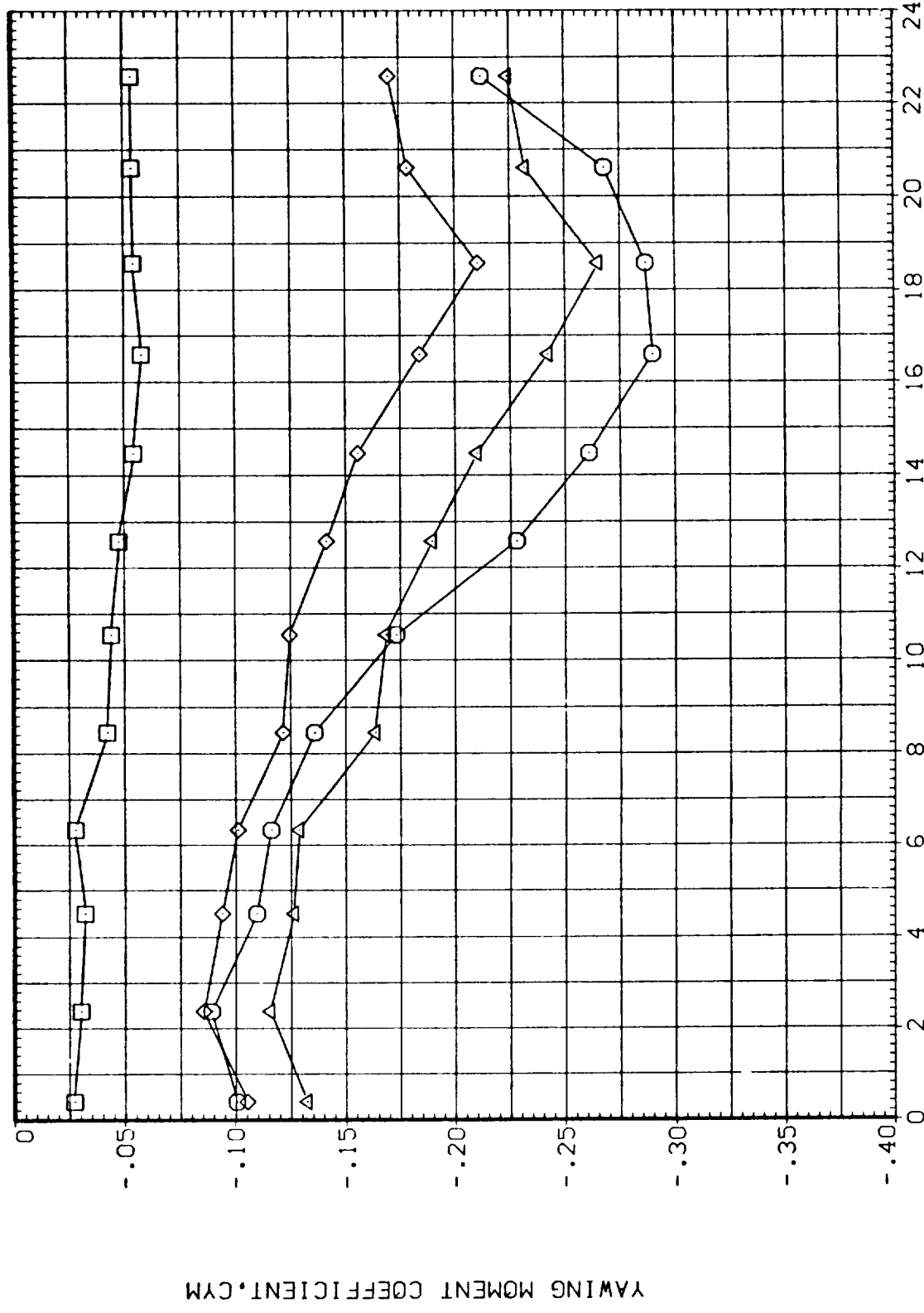


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA	MACH	PARAMETRIC VALUES			
○	CYM		1.302	BETA		.000
□	CYMC	D1	.000	D3		.000
◇	CYMT	D2	15.000	D4		15.000
△	CYMB	D1-3	.000	D2-4		15.000
		PHI-C	.000	PHI-T		.000

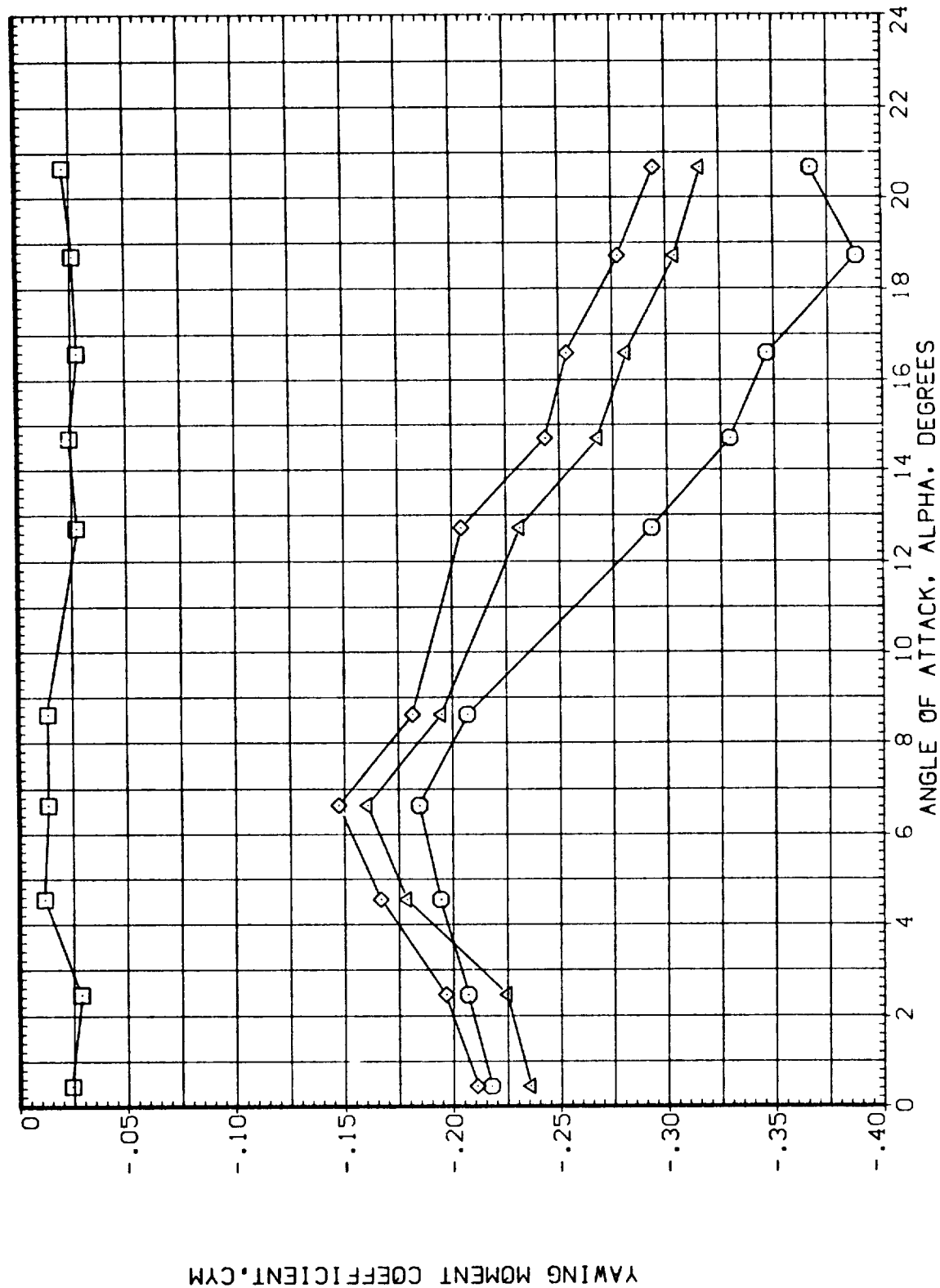


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (BN3C6T2)

(MEZ123)

DATA	PARAMETRIC VALUES
CYM	1.753
CYMC	.000
CYMT	15.000
CYMB	.000
MACH	BETA
D1	D3
D2	D4
D1-3	D2-4
PHI-C	PHI-T
	.000

SYMBOL  
 ○  
 □  
 ◇  
 △

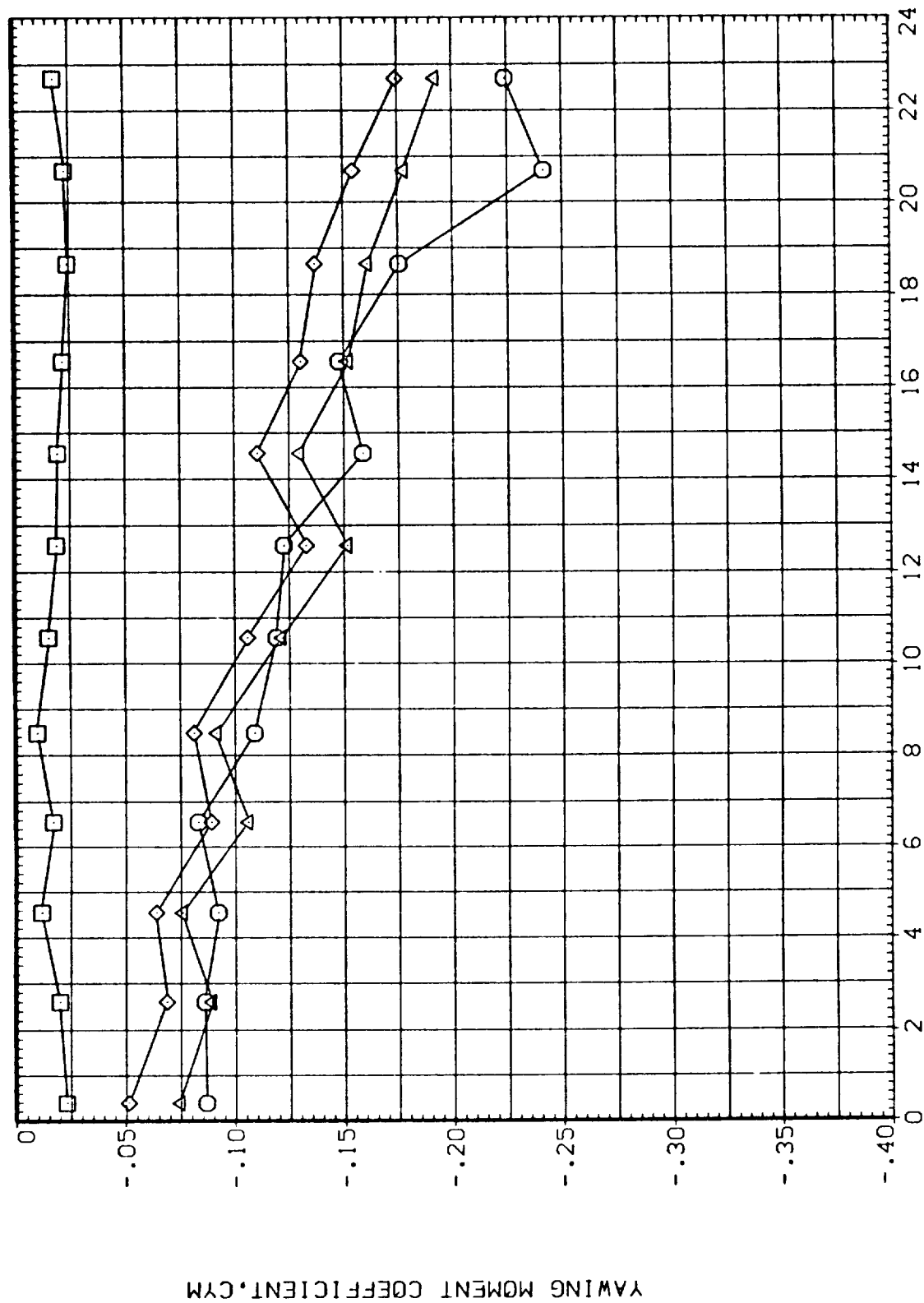


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES				
	CRM	CRMC	MACH	.802	BETA	.000	
□	CRHT	CRMB	D1	.000	D3	.000	
◇			D2	15.000	D4	15.000	
△			D1-3	.000	D2-4	15.000	
			PHI-C	.000	PHI-T	.000	

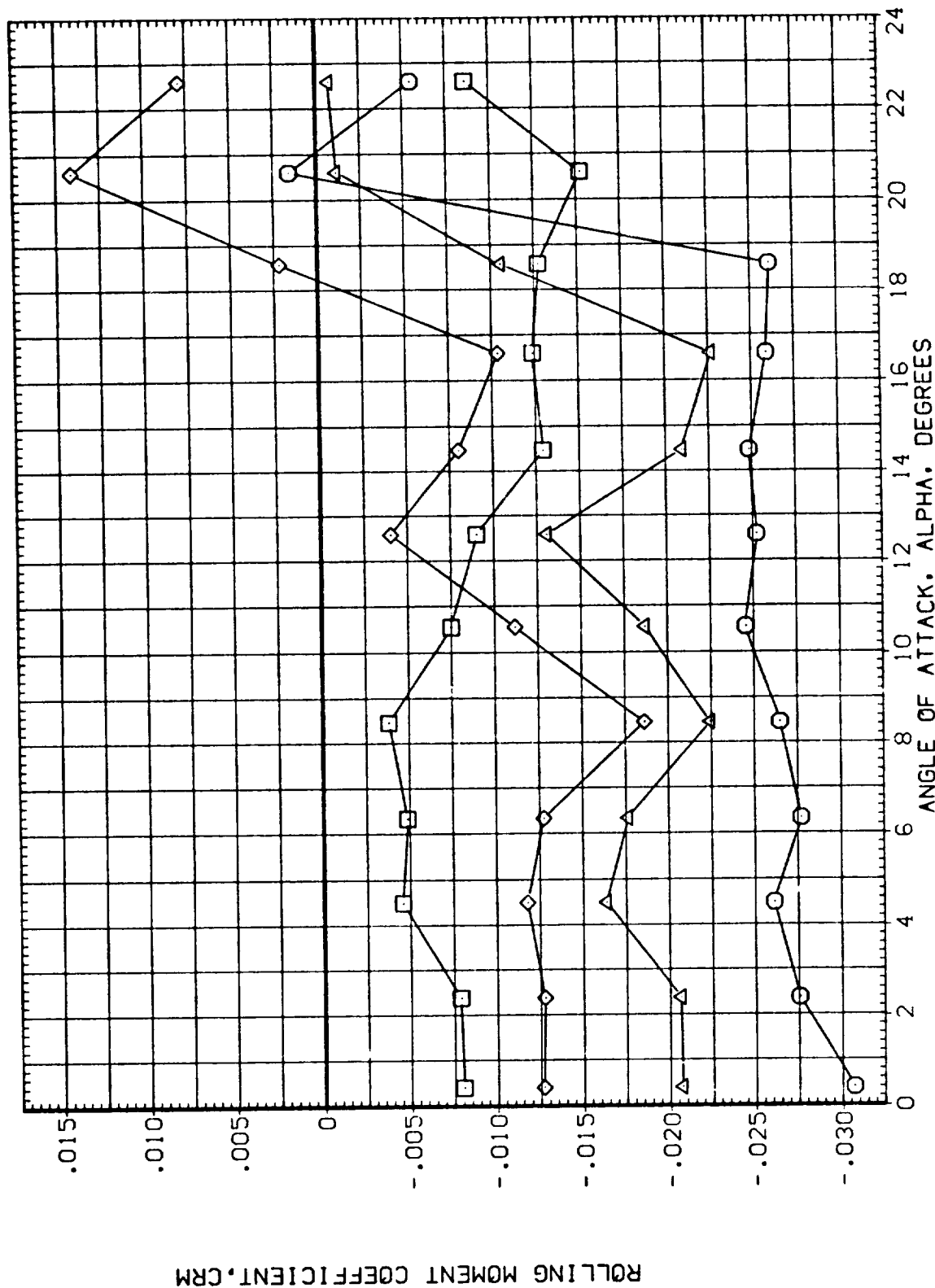


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

# CONFIGURATION 10 (BN3C6T2)

(NEZ123)

SYMBOL	DATA	PARAMETRIC VALUES					
		MACH	1.302	BETA	.000		
○	CRM	D1	.000	D3	.000		
□	CRMC	D2	15.000	D4	15.000		
◇	CRMT	U1-3	.000	D2-4	15.000		
△	CRMB	PHI-C	.000	PHI-T	.000		

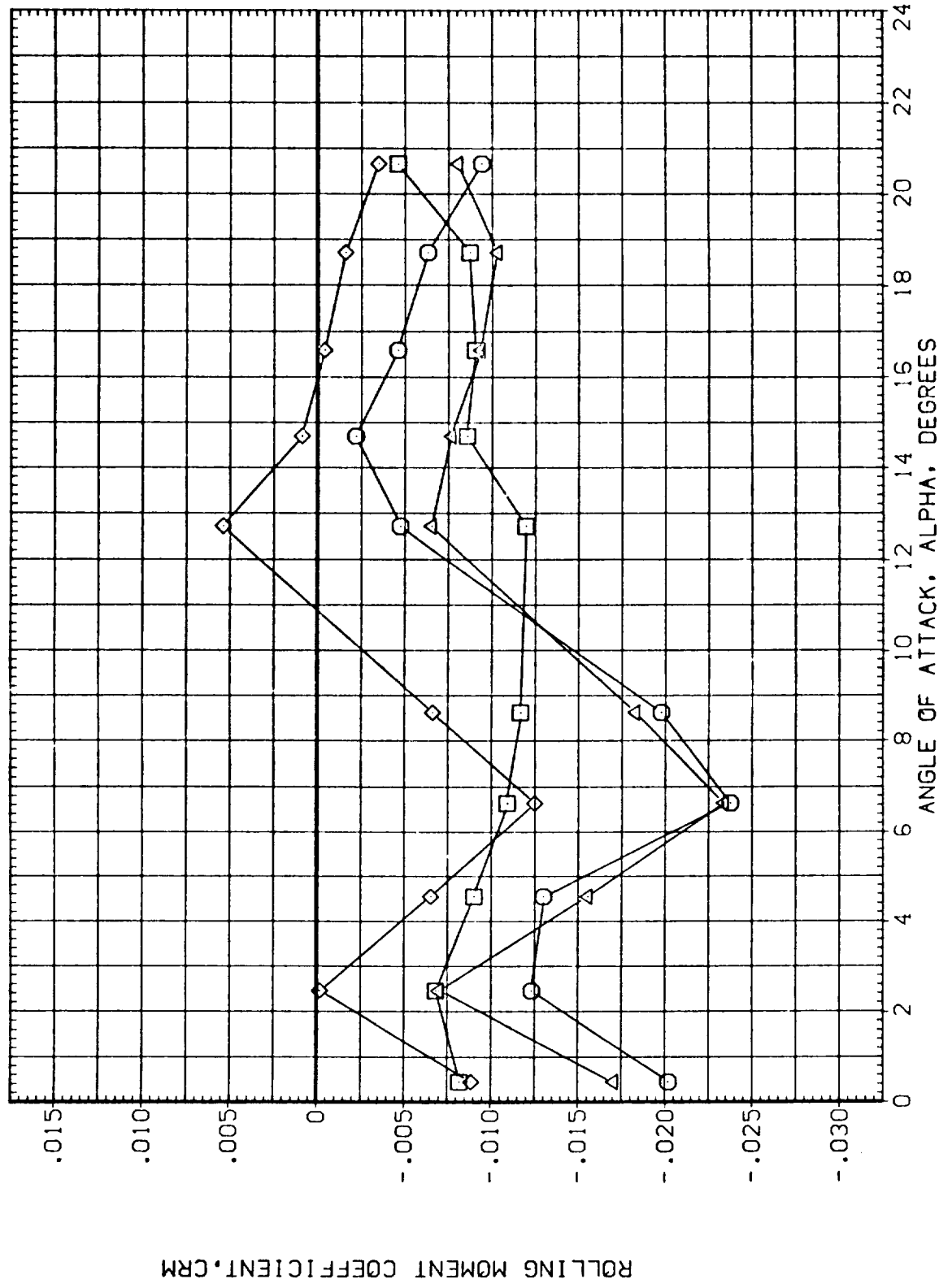


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS

CONFIGURATION 10 (BN3C6T2)

SYMBOL	DATA		PARAMETRIC VALUES					
	CRM	MACH	1.753	BETA	.000	D1	.000	.000
○	CRM	D1	.000	D3	.000	D2	15.000	15.000
□	CRM	D2	15.000	D4	15.000	D1-3	.000	15.000
◇	CRM	D1-3	.000	D2-4	15.000	PHI-C	.000	.000
△	CRM	PHI-C	.000	PHI-T	.000			

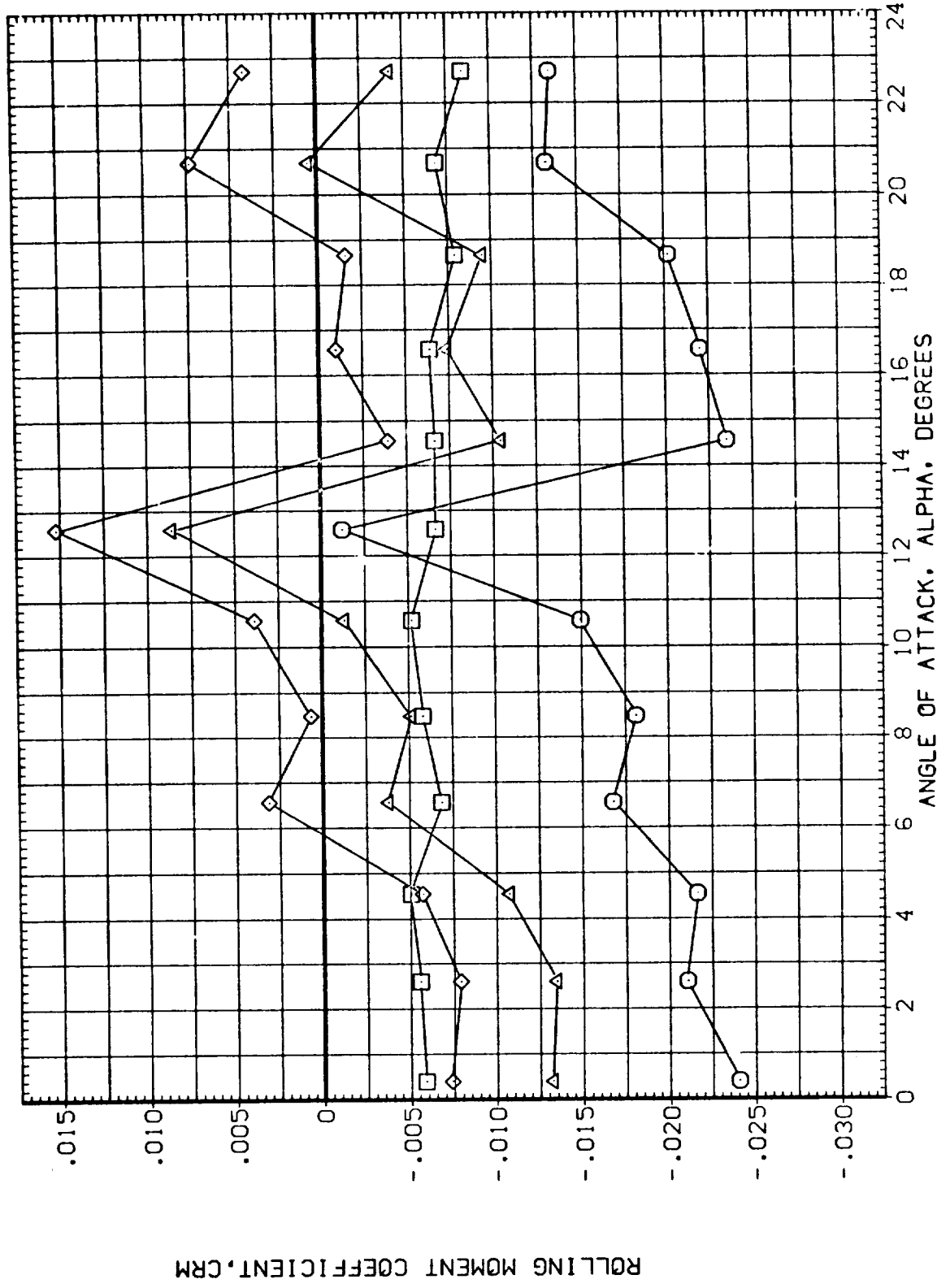


FIG. 8 BODY-CANARD-TAIL CHAR., MAIN BALANCE AND PANEL LOAD SUMMATIONS